

CEILING FINISH LEGEND

CEILING
FINISH
ELEVATION

A. NEW SUSPENDED 2X2 CEILING GRID SYSTEM W/ ACOUSTICAL PANELS

CEILING PLAN LEGEND

- NEW 1'x0'x0' SUSPENDED LIGHT FIXTURE. SEE ELECTRICAL DRAWINGS
- NEW 2'x4' LIGHT FIXTURE. SEE ELECTRICAL DRAWINGS
- NEW RECESSED LIGHT FIXTURE. SEE ELECTRICAL DRAWINGS
- NEW EXIT LIGHT FIXTURE. SEE ELECTRICAL DRAWINGS
- NEW SUPPLY GRILLE. SEE MECHANICAL DRAWINGS
- NEW RETURN AIR GRILLE. SEE MECHANICAL DRAWINGS

FINISH LEGEND

FLOOR FINISH
FINISH
WALL

A. NEW CARPET TILE W/ NEW 4" RUBBER BASE
1. PAINT NEW GYPSUM BOARD & EXISTING MASONRY WALLS

PARTITION LEGEND

- EXISTING DEMOUNTABLE WALL TO REMAIN. TYPICAL
- EXISTING MASONRY WALL TO REMAIN. TYPICAL
- EXISTING DEMOUNTABLE WALL TO BE DEMOLISHED. TYPICAL
- EXISTING MASONRY WALL TO BE DEMOLISHED. TYPICAL
- EXISTING PARTIAL HEIGHT PARTITION TO BE DEMOLISHED
- NEW ONE-HOUR RATED CMU WALL WITH
- NEW 3/4" METAL STUD WALL BRACED TO STRUCTURE ABOVE AT 4'x7' O.C. W/ 5/8" GYPSUM BOARD BOTH SIDES TO 6' ABOVE CEILING
- NEW 3/4" METAL STUD WALL W/ 5/8" GYPSUM BOARD ON ONE SIDE SIDES CONTIGUOUS TO STRUCTURE ABOVE W/ RESILIENT CHANNEL & SOUND BATT
- NEW 8" CMU WALL WITH SEE DETAIL DRAWING



1484 South State Street
Salt Lake City, Utah 84115
801-586-0891 / F: 586-0893
WWW.HFSARCH.COM

CONSULTANT

TESTING & ASSESSMENT CENTER REMODEL

Salt Lake Community College
Redwood Campus
Salt Lake City, Utah

MARK DATE DESCRIPTION

| | | |
|--|--|--|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

DATE: 14 AUGUST 2007

AGENCY PROJECT NO: 07033860

HPSA PROJECT NO: 0719.01

CAD DWG FILE NO:

DRAWN BY: RLS

CHECKED BY: BWS

DESIGNED BY: RLS

DWG TYPE: ARCHITECTURAL

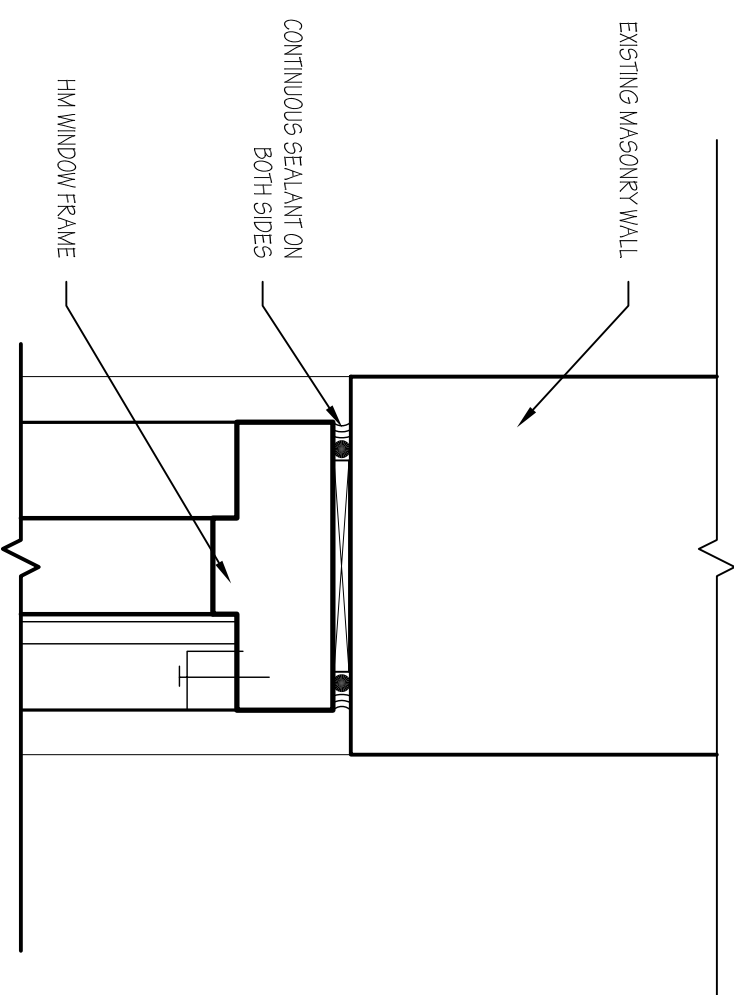
ARCHITECTURAL PHASE: CONSTRUCTION DOCUMENT BID SET

SHEET TITLE

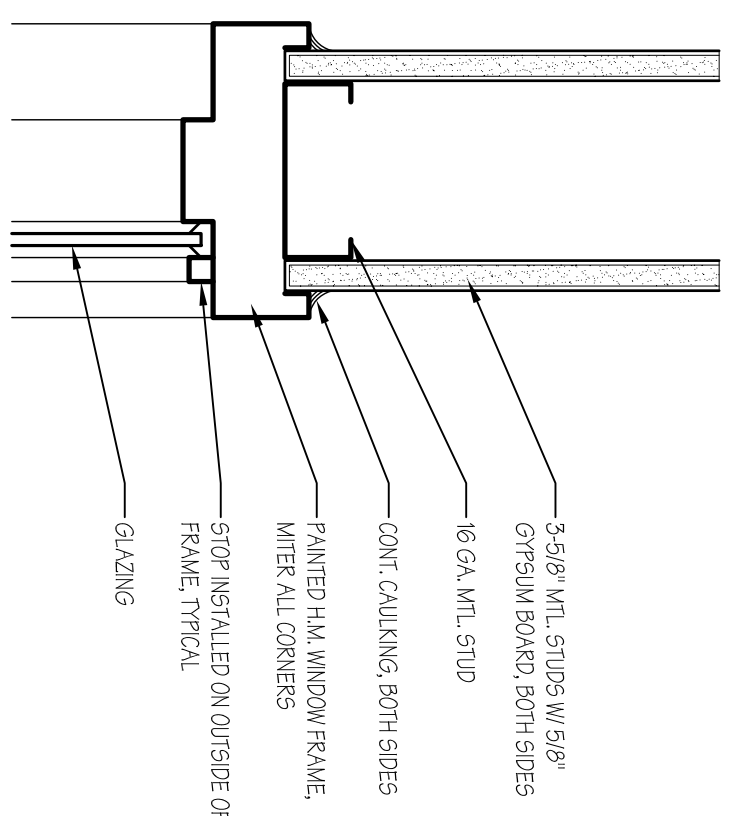
FLOOR PLAN & REFLECTED CEILING PLAN

AE101

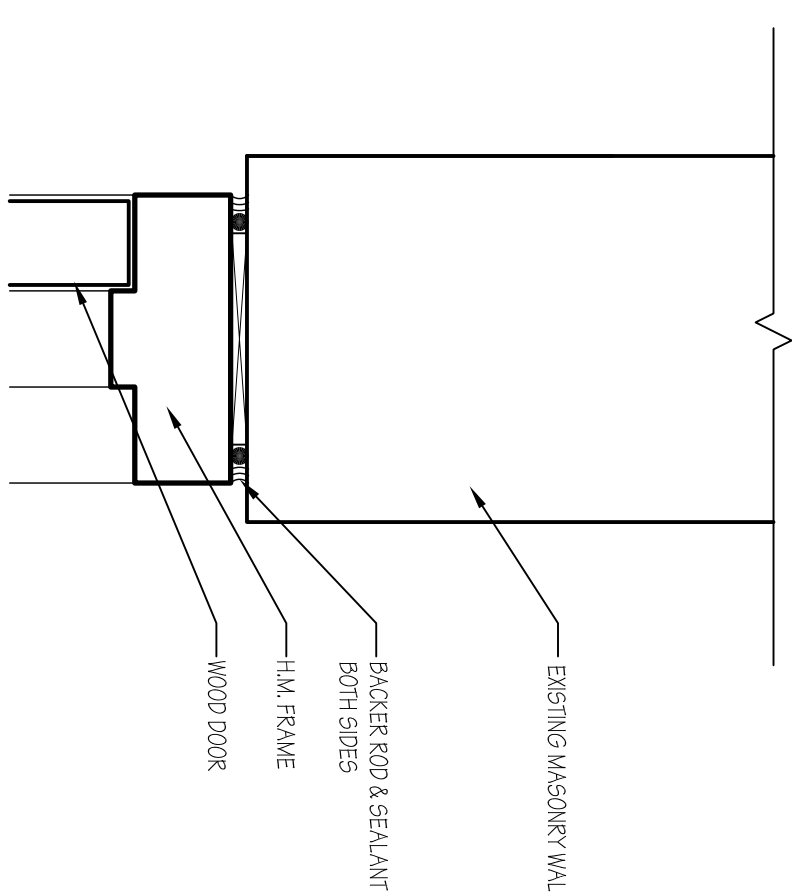
SHEET 3 OF 5



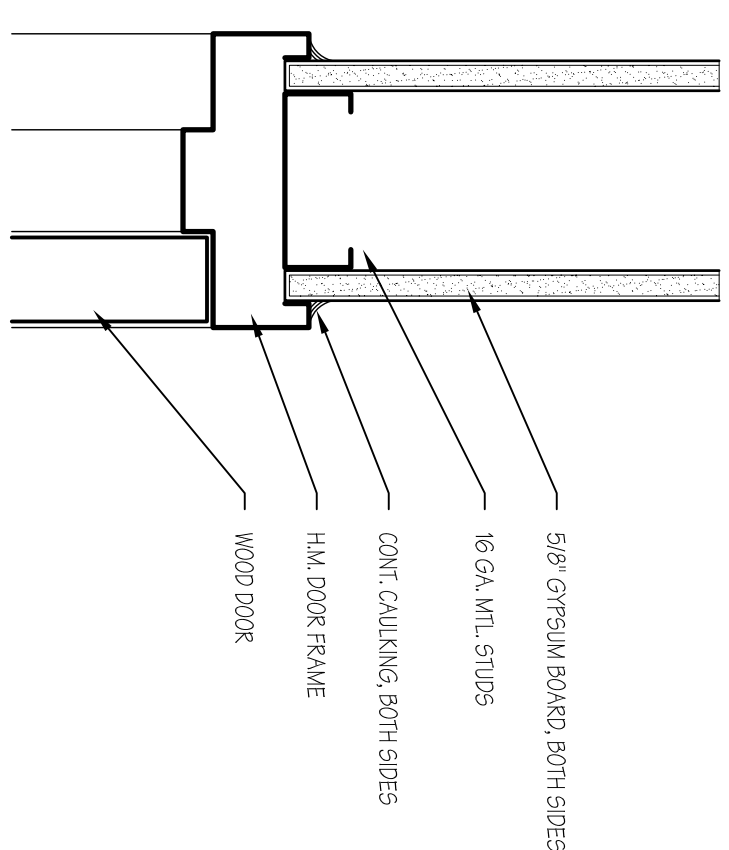
D2 H.M. WINDOW HEAD DETAIL (CMU)
3"=1'-0"



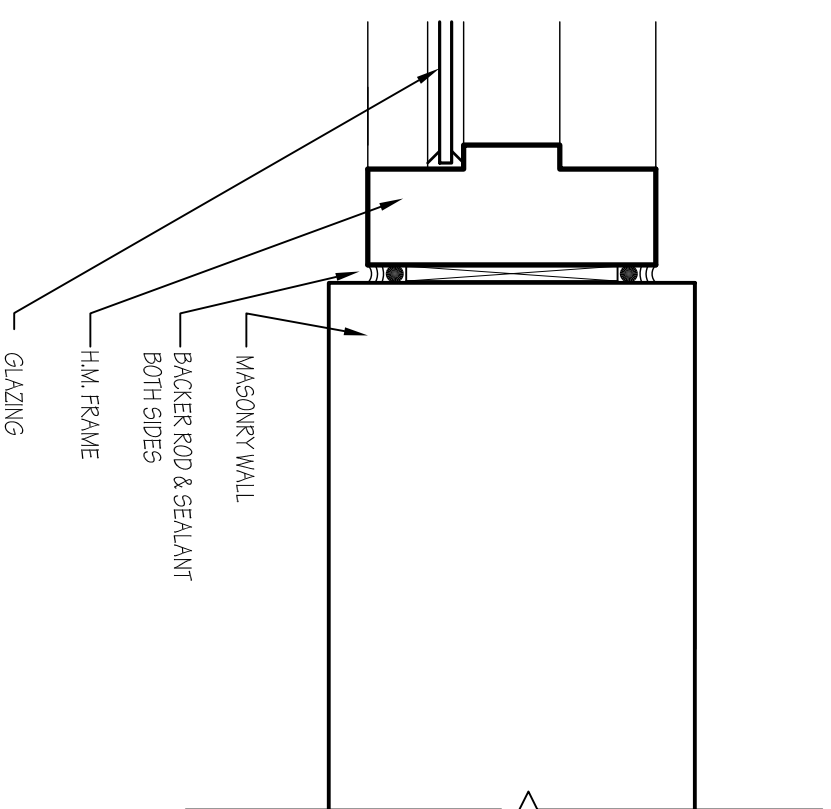
D3 H.M. WINDOW HEAD DETAIL
3"=1'-0"



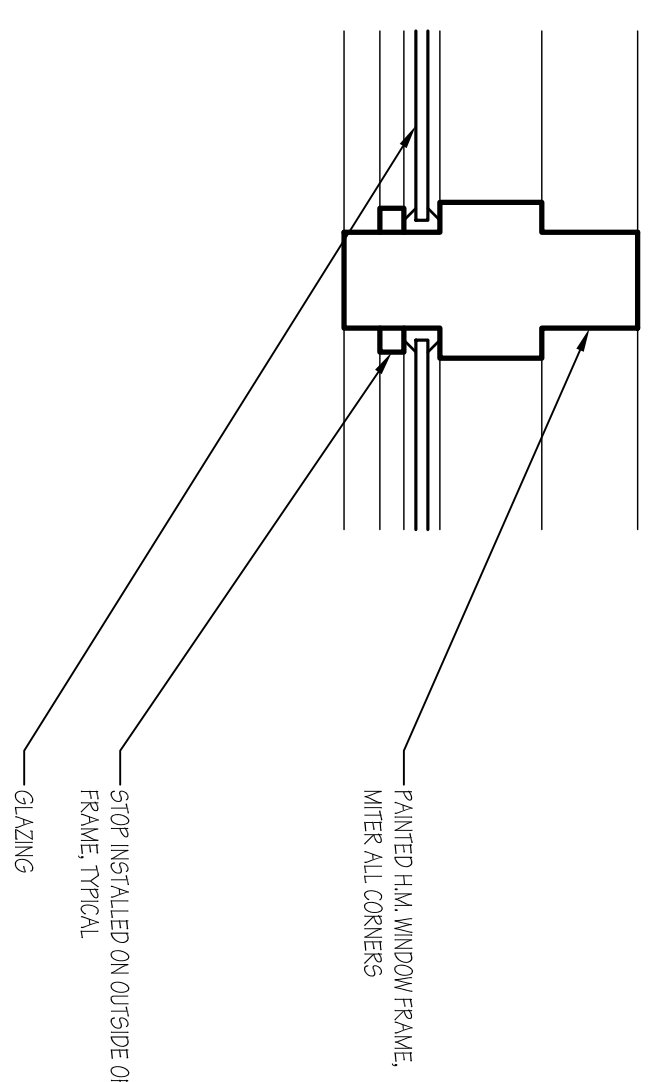
D4 DOOR HEAD DETAIL (CMU)
3"=1'-0"



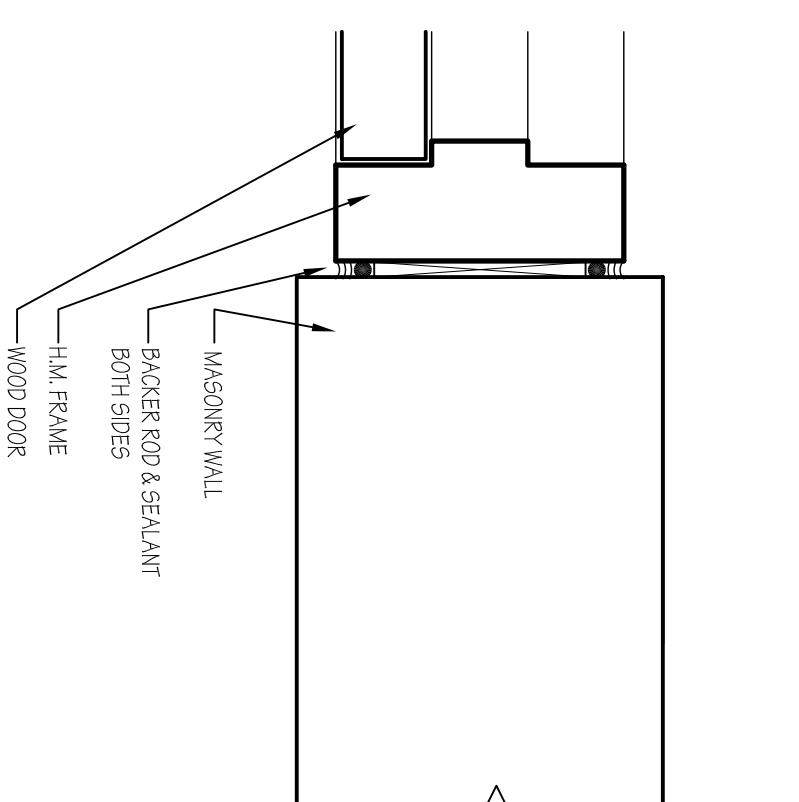
D5 DOOR HEAD DETAIL
3" = 1'-0"



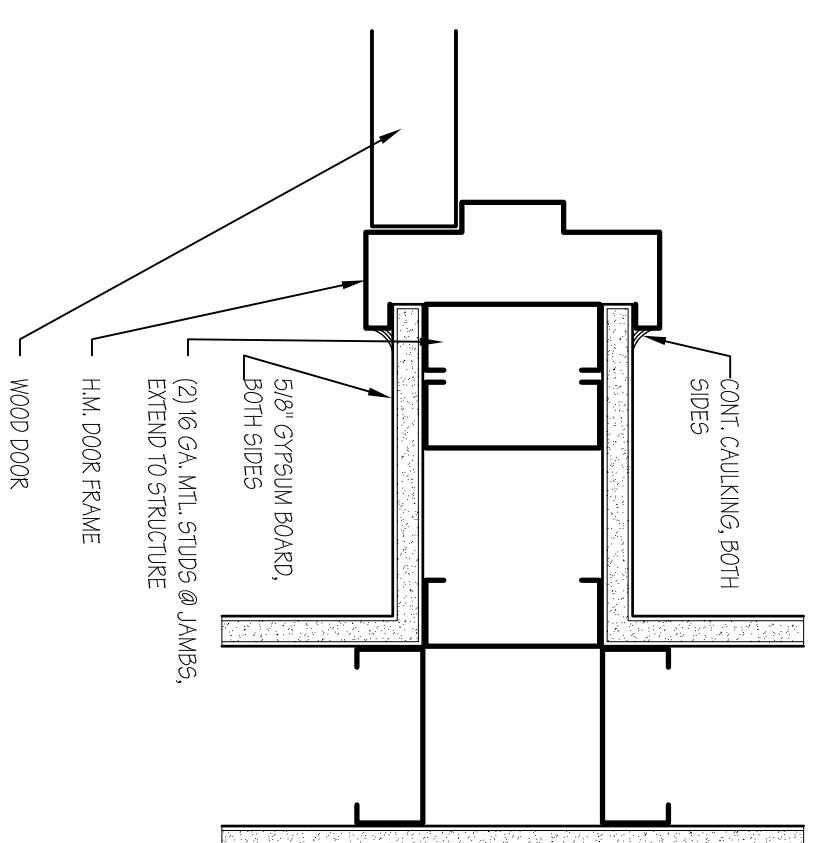
C2 H.M. WINDOW JAMB DETAIL (CMU)
 $\overline{Z}^0 = 1 \cdot Q^{01}$



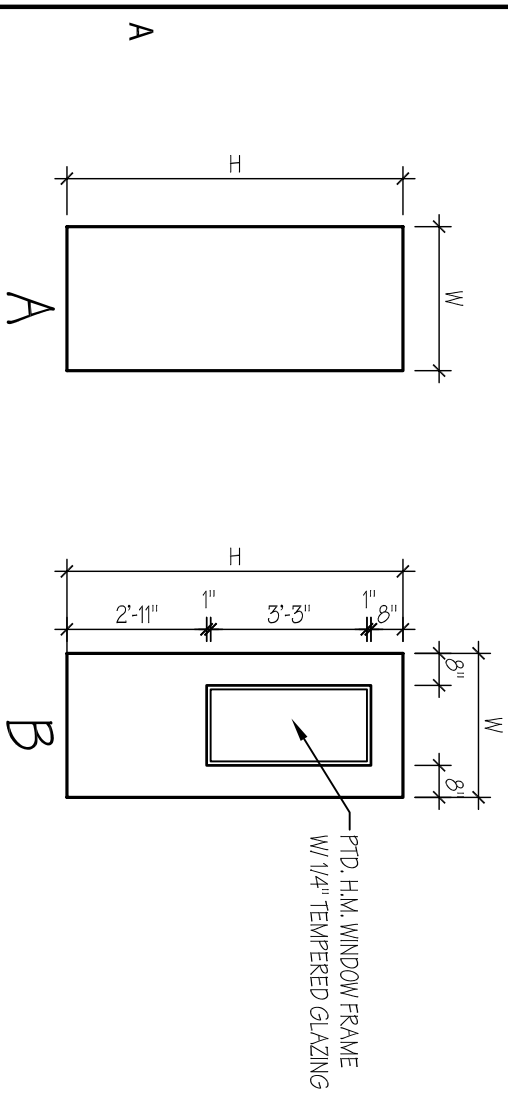
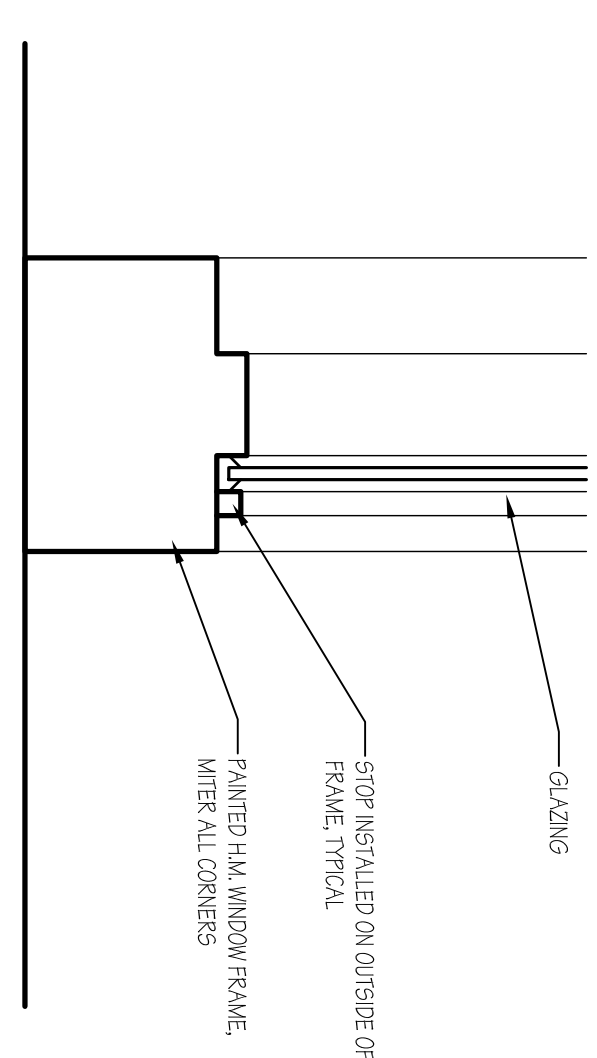
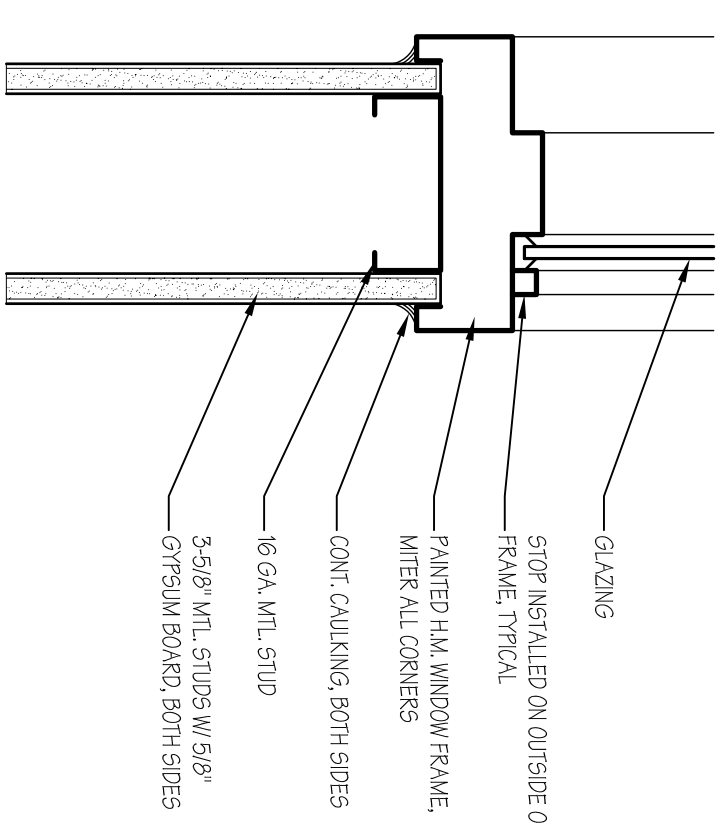
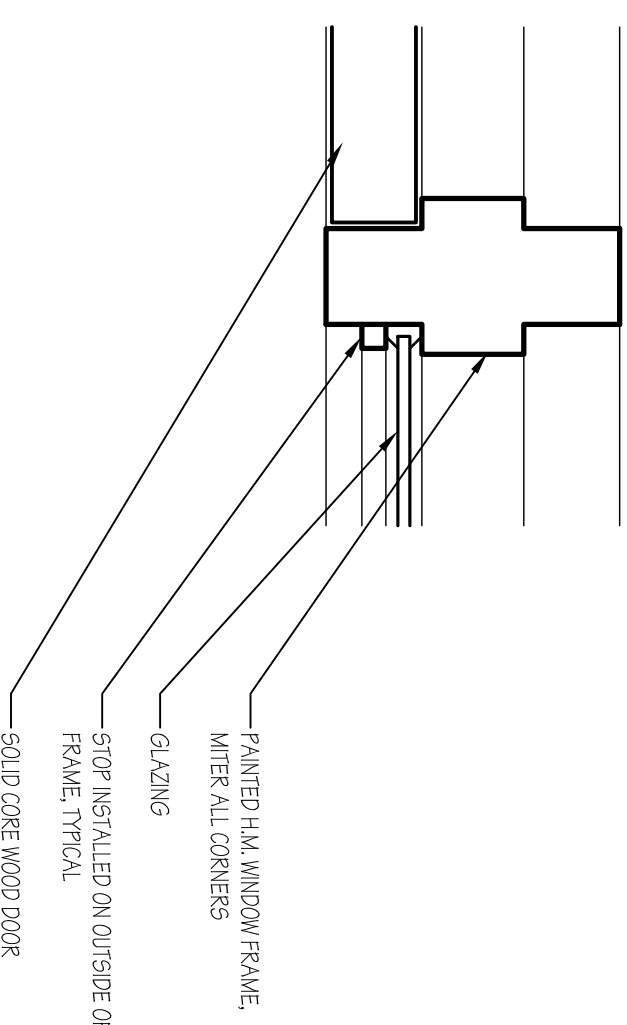
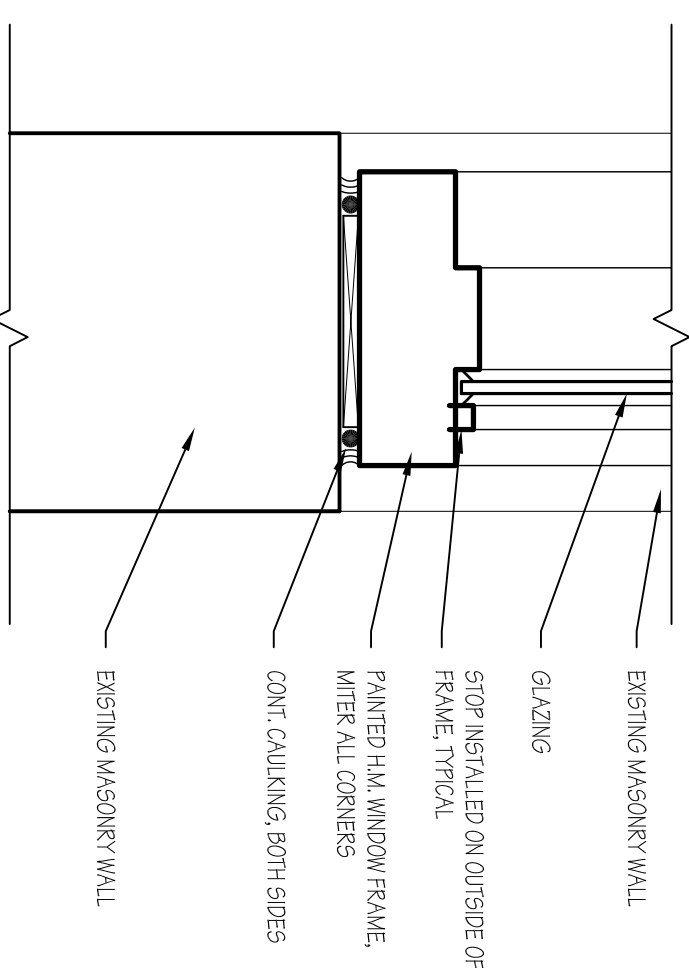
C3 H.M. WINDOW MULLION DETAIL
3"=1'-0"



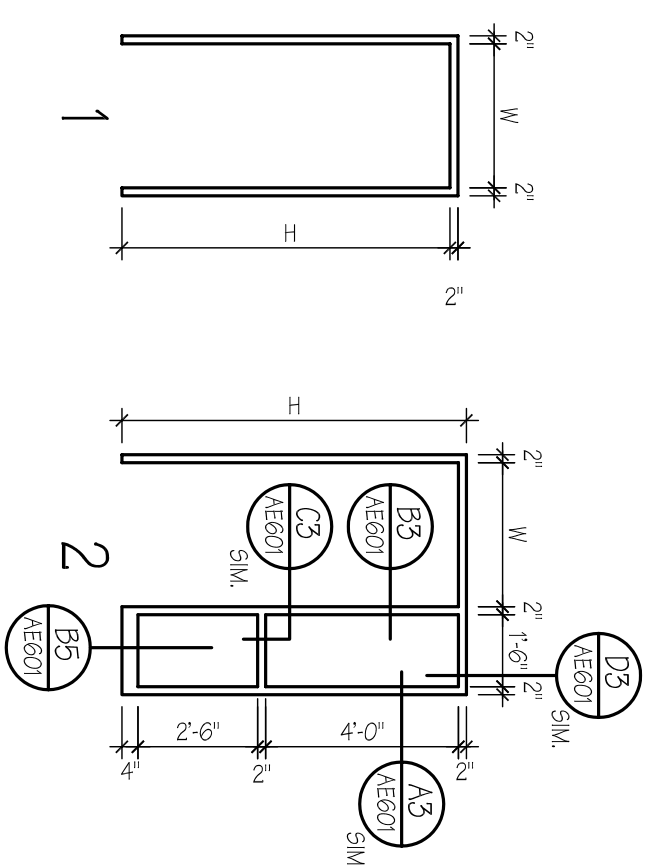
C4 DOOR JAMB DETAIL (CMU)
3"=1'-0"



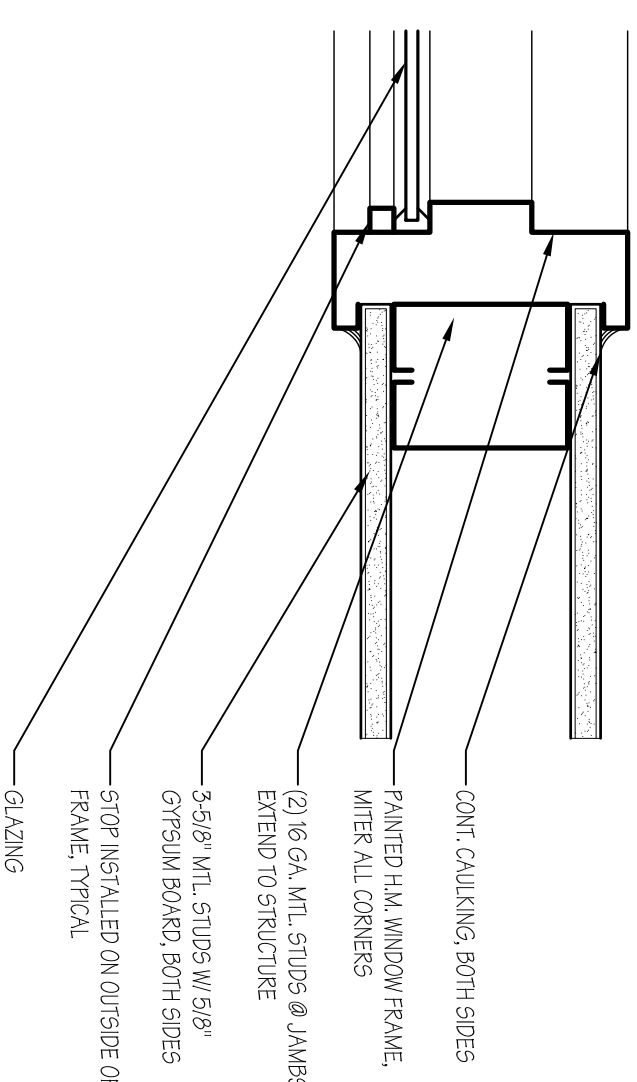
C5 H.M. DOOR JAMB DETAIL
3/11/01



A1
DOOR TYPES
1/4"=1'-0"



FRAME TYPES



B3 H.M. WINDOW JAMB DETAIL
3¹¹=1'-0"

| DOOR SCHEDULE | | | | | | | | | | | | | |
|---------------|-------|----------|----------|-----------|-------|-------|-------|----------|----------|----------|----------|----------|----|
| DOOR | | | | | | | FRAME | | | | | | |
| DOOR NUMB. | TYPE | MATERIAL | FINISH | DOOR SIZE | | | TYPE | MATERIAL | FINISH | UL LABEL | DETAILS | | |
| | | | | W | H | T | | | | | H | J | T |
| | | | | | | | | | | | | | |
| D006 | A | 50W | PRE.FIN. | 3'-0" | 7'-2" | 13/4" | 1 | HM | PAINT | 20 MIN. | D5A/E601 | D5A/E601 | .. |
| D00A | A | 50W | PRE.FIN. | 3'-4" | 7'-2" | 13/4" | 1 | HM | PAINT | 20 MIN. | D4A/E601 | C4A/E601 | .. |
| D00B | A | 50W | PRE.FIN. | 3'-0" | 7'-2" | 13/4" | 1 | HM | PAINT | | D4A/E601 | C4A/E601 | .. |
| D023 | D06GT | .. | .. | .. | .. | .. | .. | EGST | RE.PAINT | .. | .. | .. | .. |
| D030C | B | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 1 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D032D | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D032E | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D035F | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 1 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D035G | B | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 1 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D036H | B | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 1 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D036I | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 1 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D036J | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D036K | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D036L | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D036M | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D036N | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D036O | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D036P | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D036Q | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D036R | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D036S | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D036T | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D036U | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D036V | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D036W | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D036X | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D036Y | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D036Z | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D037A | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D037B | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D037C | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D037D | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D037E | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D037F | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D037G | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D037H | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D037I | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D037J | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D037K | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D037L | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D037M | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D037N | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D037O | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D037P | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D037Q | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D037R | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D037S | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D037T | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D037U | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D037V | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D037W | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D037X | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D037Y | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D037Z | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D038A | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D038B | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D038C | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D038D | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D038E | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D038F | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D038G | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D038H | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D038I | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D038J | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D038K | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D038L | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D038M | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D038N | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D038O | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D038P | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D038Q | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D038R | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D038S | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D038T | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D038U | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D038V | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D038W | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D038X | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D038Y | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D038Z | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D039A | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D039B | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D039C | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D039D | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D039E | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D039F | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D039G | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D039H | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D039I | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D039J | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D039K | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D039L | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D039M | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D039N | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D039O | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D039P | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D039Q | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D039R | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D039S | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D039T | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D039U | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D039V | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D039W | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D039X | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D039Y | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D039Z | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D040A | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D040B | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5A/E601 | .. |
| D040C | A | 50W | PRE.FIN. | 3'-0" | 7'-0" | 13/4" | 2 | HM | PAINT | .. | D5A/E601 | D5 | |

HFS*A*rchitects
ARCHITECTURE
INTERIORS
PLANNING

1484 South State Street
Salt Lake City, Utah 84115
801-586-0691/f: 596-0693
www.hfsa.com

CONSULTANT

TESTING &
ASSESSMENT CENTER
REMODEL

Salt Lake Community College
Redwood Campus
Salt Lake City, Utah

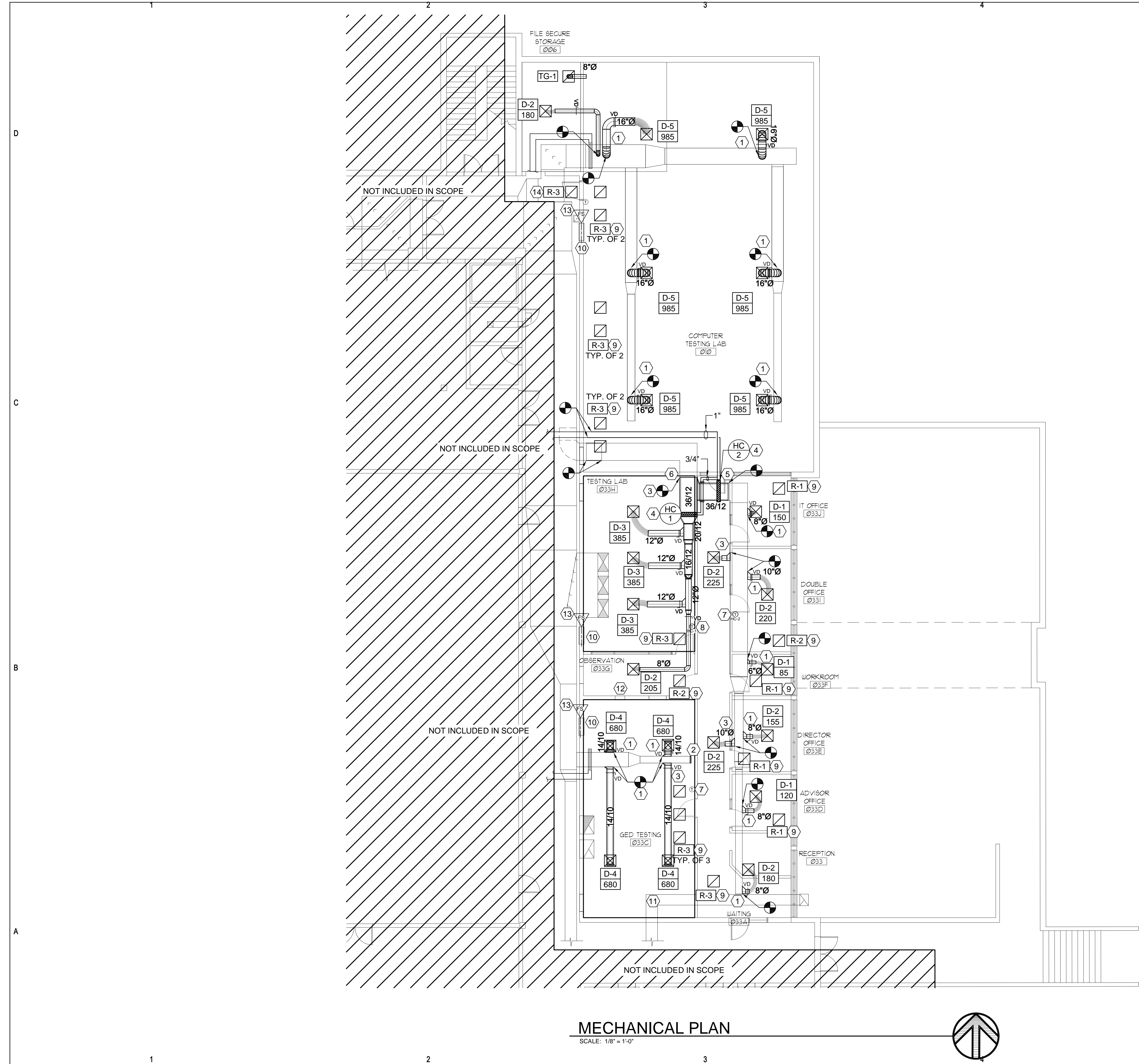
| MARK | DATE | DESCRIPTION |
|------|------|-------------|
| | | |
| | | |
| | | |
| | | |
| | | |

| | |
|-------------------------------|----------------|
| DATE: | 14 AUGUST 2007 |
| AGENCY PROJECT NO: | 07033660 |
| HESA PROJECT NO: | 0719.01 |
| CAD DWG FILE NO: | |
| DRAWN BY: | RLS |
| CHECKED BY: | BWS |
| DESIGNED BY: | RLS |
| DWG TYPE: | ARCHITECTURAL |
| ARCHITECTURAL PHASE: | |
| CONSTRUCTION DOCUMENT BID SET | |

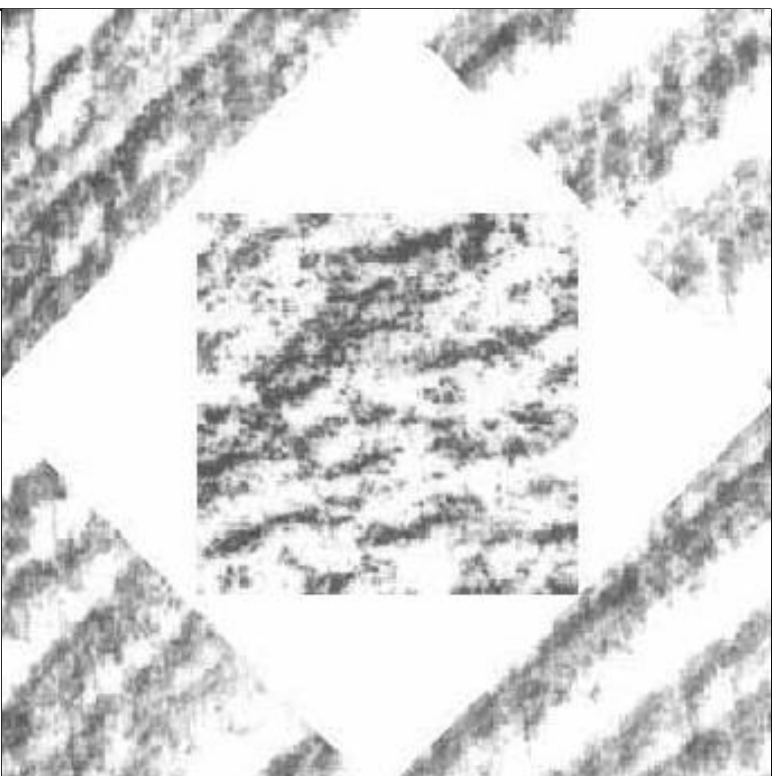
DOOR DETAILS,
WINDOW DETAILS,
& DOOR SCHEDULE

AE601

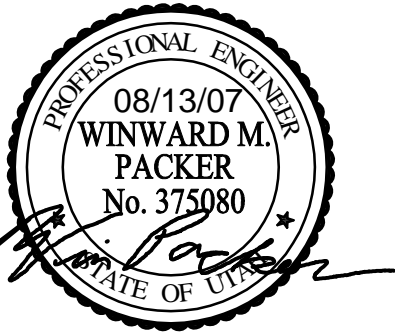
SHEET 5 OF 5



- SHEET NOTES:**
- 1 MODIFY EXISTING DUCT PENETRATION TO FIT NEW DUCT TAKEOFF.
 - 2 CAP EXISTING DUCT PENETRATION.
 - 3 NEW DUCT PENETRATION IN EXISTING DUCT.
 - 4 PROVIDE NEW DUCT MOUNTED HOT WATER COIL SEE SCHEDULES AND DETAILS.
 - 5 PROVIDE NEW PENETRATION FOR PIPING THROUGH EXISTING CMU WALL AT THIS APPROXIMATE LOCATION.
 - 6 EXISTING DUCT THROUGH EXISTING WALL TO REMAIN.
 - 7 RELOCATE EXISTING THERMOSTAT. CONFIRM EXACT LOCATION WITH OWNER.
 - 8 PROVIDE NEW THERMOSTAT FOR HC-1 AT THIS LOCATION.
 - 9 PROVIDE SOUND BOOT ON RETURN GRILLE.
 - 10 EXISTING TRANSFER TO HALL TO REMAIN.
 - 11 EXISTING EXHAUST DUCT TO REMAIN.
 - 12 EXISTING 20/12 OPENING IN WALL TO REMAIN.
 - 13 PROVIDE FIRE / SMOKE DAMPER. FIELD VERIFY EXACT LOCATIONS AND SIZES. ENSURE NO OBSTRUCTIONS, (WIRES OR TUBING) PASS THROUGH THESE EXISTING OPENINGS.
 - 14 PROVIDE NEW RETURN GRILLE IN HALL.
- GENERAL NOTE:**
- 1 CFM VALUES ARE BASED ON ASBUILT INFORMATION OF CURRENT SYSTEMS.
 - 2 COORDINATE DIFFUSER/GRILLE LOCATION WITH SPRINKLERS.
 - 3 RE-LOCATE SPRINKLER HEADS, AND PROVIDE NEW SPRINKLER HEADS WHERE NECESSARY TO PROVIDE ADEQUATE COVERAGE OF REMODELED AREA. PROVIDE NEW HEADS TO MATCH EXISTING. PROVIDE SHOP DRAWINGS STAMPED BY NICET CERTIFIED DESIGNER.
 - 4 PATCH EXISTING DUCTWORK AS REQUIRED.



HFSArchitects
ARCHITECTURE
INTERIORS
PLANNING
1484 South State Street
Salt Lake City, Utah 84115
801-596-0691/F: 596-0693
www.hfsa.com



TESTING & ASSESSMENT CENTER REMODEL
Salt Lake Community College
Redwood Campus
Salt Lake City, Utah

| MARK | DATE | DESCRIPTION |
|------|------|-------------|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

| | |
|----------------------|------------------------|
| DATE: | 14 AUGUST 2007 |
| AGENCY PROJECT NO: | 07033660 |
| HFSA PROJECT NO: | 0719.01 |
| CAD DWG FILE NO: | |
| DRAWN BY: | staff |
| CHECKED BY: | WP |
| DESIGNED BY: | PC |
| DWG TYPE: | MECHANICAL |
| ARCHITECTURAL PHASE: | CONSTRUCTION DOCUMENTS |
| SHEET TITLE | |

MECHANICAL PLAN

ME101






D

C

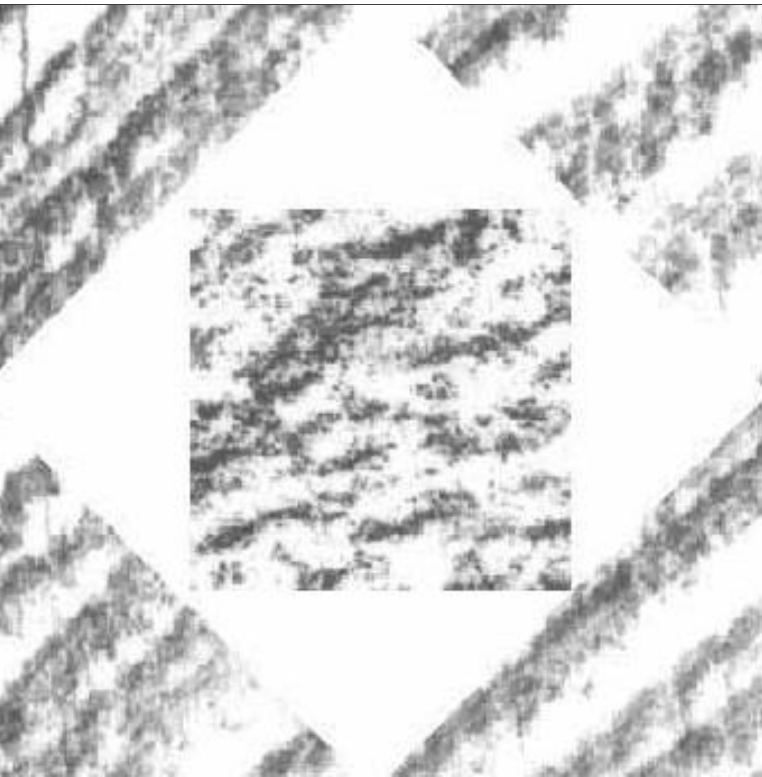
B

A

| HOT WATER COIL SCHEDULE | | | | | | | | |
|--|-----------------|------|--------------------|-------|--------|----------------------|--------------|----------------|
| SYMBOL | LOCATION | CFM | AIR PRESS. IN W.G. | BTU | G.P.M. | PRESS. DROP FT. HEAD | MAKE & MODEL | SCHEDULE NOTES |
| <div>HC1</div> | TESTING LAB 103 | 1360 | .15 | 50000 | 5 | 5 | TRANE | 1,2,3,4,5 |
| <div>HC2</div> | TESTING LAB 103 | 1360 | .15 | 50000 | 5 | 5 | TRANE | 1,2,3,4,5 |
| 1. COIL SIZE SHALL BE APPROXIMATELY 36/12. FIELD VERIFY BEFORE ORDERING. | | | | | | | | |
| 2. SIZE FOR 180° EWT AND 160° LWT. | | | | | | | | |
| 3. SIZE FOR 55° EAT AND 95° LAT. | | | | | | | | |
| 4. SEE SPECIFICATIONS FOR APPROVED MANUFACTURER'S | | | | | | | | |

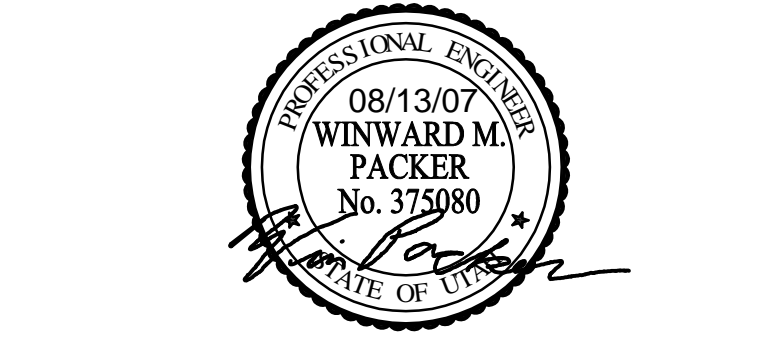
| DIFFUSER SCHEDULE | | | | | | | | |
|---|---------|---------|-----------|----------|--------------|--------|---|----------------|
| SYMBOL | TYPE | MAX CFM | FACE SIZE | NCK SIZE | CEILING TYPE | BLOW | PATTERN | SCHEDULE NOTES |
| <div>D-1CFM</div> | CEILING | 150 | 6X6 | 6"Ø | LAY-IN | 4--WAY |  | 1,2,3,4 |
| <div>D-2CFM</div> | CEILING | 300 | 9X9 | 8"Ø | LAY-IN | 4--WAY |  | 1,2,3,4 |
| <div>D-3CFM</div> | CEILING | 500 | 12X12 | 10"Ø | LAY-IN | 4--WAY |  | 1,2,3,4 |
| <div>D-4CFM</div> | CEILING | 750 | 15X15 | 14"Ø | LAY-IN | 4--WAY |  | 1,2,3,4 |
| <div>D-5CFM</div> | CEILING | 1000 | 18X18 | 16"Ø | LAY-IN | 4--WAY |  | 1,2,3,4 |
| 1. PROVIDE LAY-IN CEILING AND BORDER / MODULE AS REQUIRED. SEE ARCHITECTURAL CEILING PLANS. | | | | | | | | |
| 2. MAXIMUM NC 25 AT CFM LISTED. | | | | | | | | |
| 3. PROVIDE TRANSITION TO DIFFUSER NECK SIZE AS REQUIRED TO DUCT WORK SHOWN ON PLAN. | | | | | | | | |
| 4. DIFFUSER SHALL BE PRICE MODEL SMD OR EQUAL BY APPROVED MANUFACTURER IN SPECIFICATIONS. | | | | | | | | |

| REGISTER, LOUVER & GRILLE SCHEDULE | | | | | | | |
|---|---------|----------|---------|--------------|-------------|--------------|----------------|
| SYMBOL | TYPE | SERVICE | MAX CFM | NOMINAL SIZE | THROAT SIZE | CEILING TYPE | SCHEDULE NOTES |
| <div>R-1</div> | CEILING | RETURN | 180 | 8/8 | 8/8 | LAY-IN | 1,2,3,4 |
| <div>R-2</div> | CEILING | RETURN | 250 | 10/10 | 10/10 | LAY-IN | 1,2,3,4 |
| <div>R-3</div> | CEILING | RETURN | 1200 | 22/22 | 22/22 | LAY-IN | 1,2,3,4 |
| <div>R-4</div> | CEILING | RETURN | 1200 | 22/22 | 22/22 | LAY-IN | 1,2,3,5 |
| <div>TG-1</div> | CEILING | TRANSFER | 180 | 8/8 | 8/8 | LAY-IN | 1,2,3,4 |
| REGISTER, LOUVER AND DIFFUSER SCHEDULE NOTES: | | | | | | | |
| 1. MAXIMUM NC = 25 @ MAXIMUM CFM NOTED. | | | | | | | |
| 2. SHALL BE PRICE 535 OR EQUAL BY OTHER APPROVED MANUFACTURERS. | | | | | | | |
| 3. SEE SPECIFICATIONS FOR APPROVED MANUFACTURERS. | | | | | | | |
| 4. FINISH SHALL BE STANDARD WHITE. | | | | | | | |
| 5. FINISH TO BE SPECIFIED BY ARCH | | | | | | | |



HFSArchitects
ARCHITECTURE
INTERIORS
PLANNING
1484 South State Street
Salt Lake City, Utah 84115
801-596-0691/F: 596-0693
www.hfsa.com

CONSULTANT



TESTING & ASSESSMENT CENTER REMODEL
Salt Lake Community College
Redwood Campus
Salt Lake City, Utah

| MARK | DATE | DESCRIPTION |
|------|------|-------------|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

| | |
|----------------------|------------------------|
| DATE: | 14 AUGUST 2007 |
| AGENCY PROJECT NO: | 07033660 |
| HFSA PROJECT NO: | 0719.01 |
| CAD DWG FILE NO: | |
| DRAWN BY: | staff |
| CHECKED BY: | WP |
| DESIGNED BY: | PC |
| DWG TYPE: | MECHANICAL |
| ARCHITECTURAL PHASE: | CONSTRUCTION DOCUMENTS |

SHEET TITLE
MECHANICAL SCHEDULES

ME601
SHEET 6 OF 6

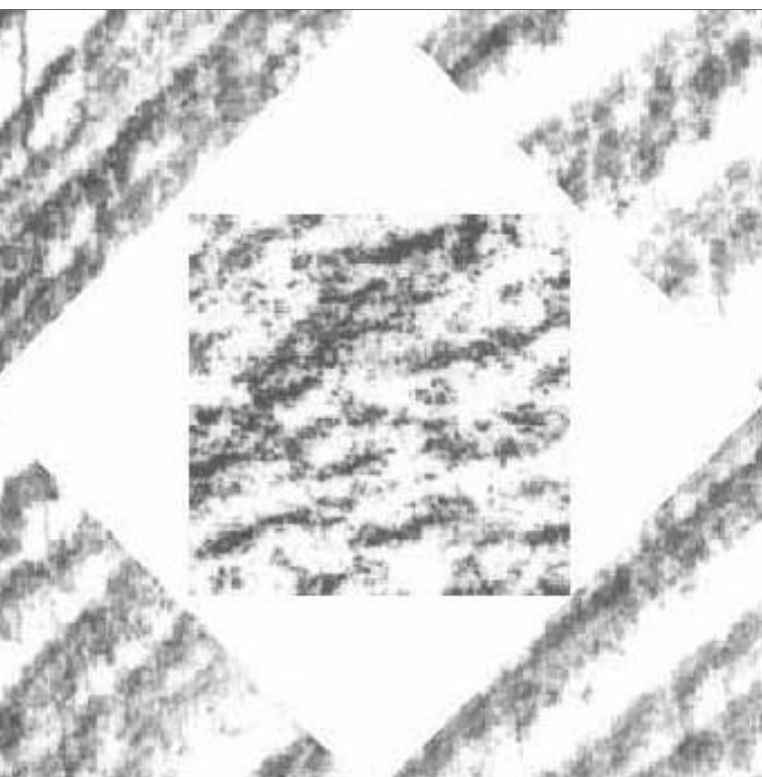
SHEET NOTES:

- 1
- DEMO ALL WATER, SEWER, AND VENT PIPING THIS AREA.
- 2
- CAP EXISTING WATER PIPING SERVING FIXTURE. PIPING IS LOCATED JUST ABOVE CEILING. FIELD VERIFY EXACT LOCATION.
- 3
- DEMO EXISTING SINK.
- 4
- CAP EXISTING WASTE PIPING WITH CLEAN OUT PLUG AT WALL / FLOOR.
- 5
- CAP EXISTING VENT PIPE SERVING THIS AREA ABOVE CEILING.

| PLUMBING LEGEND | | | |
|-------------------------------|------------------------|-------------------|------------------------|
| MEANING | SYMBOL OR ABBREVIATION | MEANING | SYMBOL OR ABBREVIATION |
| HOT WATER LINE | — — — — — | WALL CLEANOUT | WCO |
| COLD WATER LINE | — — — — — | CLEANOUT | CO |
| VENT LINE | - - - - - | CLEANOUT TO GRADE | COTG |
| WASTE LINE | — — — — — | FLOOR CLEANOUT | FCO |
| GAS LINE | — G — | BALL VALVE | ⊕ |
| VENT THRU ROOF | VTR | UNION | — — — |
| CONNECTION TO EXISTING PIPING | ⊕ | | |

PLUMBING GENERAL NOTES:

- G-1
- ALL PLUMBING SHALL BE INSTALLED AND CONFORM TO THE 2006 EDITION OF THE INTERNATIONAL PLUMBING CODE (IPC) WITH UTAH ANNOTATIONS AND LOCAL AUTHORITY REQUIREMENTS.
- G-2
- ALL PIPING MATERIALS SHALL MEET ALL REQUIREMENTS OF IPC AND LOCAL AUTHORITY. PLASTIC PIPING SHALL BE ALLOWED ONLY WHERE ALLOWED BY CODE. PLASTIC PIPING SHALL NOT BE ROUTED THROUGH RETURN AIR PLENUMS OR OTHER AREAS PROHIBITED BY THE IMC, IPC OR NFPA CODES OR BY LOCAL AUTHORITY
- G-3
- GAS PIPING INSTALLATION SHALL BE IN STRICT ACCORDANCE WITH GAS COMPANY REGULATIONS, NFPA CODE REQUIREMENTS, AND LOCAL AUTHORITY.
- G-4
- ALL MATERIALS SHALL BE NEW AND SHALL BE DOMESTIC MADE UNLESS SPECIFICALLY APPROVED OTHERWISE IN WRITING BY ARCHITECT OR OWNER.
- G-5
- PROVIDE VACUUM BREAKERS AND BACK FLOW PREVENTERS WHERE REQUIRED BY CODE OR WHERE THERE MAY BE ANY POSSIBLE CHANCE FOR CROSS CONTAMINATION. PREVENTERS SHALL BE INSTALLED IN ACCORDANCE WITH UTAH CODE.
- G-6
- ALL PLUMBING INFORMATION IS NOT LIMITED TO THE PLUMBING DRAWINGS. CONTRACTOR SHALL BE RESPONSIBLE FOR INFORMATION ON ALL OTHER CONSTRUCTION DOCUMENTS INCLUDING ARCHITECTURAL DRAWING, STRUCTURAL DRAWINGS, MECHANICAL DRAWINGS, AND ELECTRICAL DRAWINGS.
- G-7
- THE WORKING DRAWINGS ARE DIAGRAMMATIC. BECAUSE OF THE SMALL SCALE OF THE DRAWING, THEY DO NOT SHOW EVERY OFFSET, BEND OR ELBOW NECESSARY FOR THE COMPLETE INSTALLATION IN THE SPACE PROVIDED. ALL PIPING SHALL BE CHECKED AND COORDINATED WITH THE ARCHITECTURAL, STRUCTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS.
- G-8
- COORDINATE ALL PIPING AND PLUMBING EQUIPMENT WITH ALL OTHER TRADES AND/OR CONTRACTORS PRIOR TO INSTALLATION.
- G-9
- ANY AND ALL ALTERATIONS TO THE SYSTEM SHOWN SHALL BE THE RESPONSIBILITY OF THIS CONTRACTOR AND ARCHITECT/ENGINEER SHALL BE NOTIFIED IN WRITING PRIOR TO CHANGES.
- G-10
- GAS LINE FITTINGS SHALL BE STANDARD WELD FITTINGS WITH TAPERED REDUCERS. DO NOT USE VALVES, UNIONS, OR AUTO CONTROLS IN GAS LINES ROUTED IN INACCESSIBLE CONCEALED SPACES.
- G-11
- ALL WATER SYSTEMS SHALL MEET THE REQUIREMENTS OF ANSI/NSF STANDARD 61 SECTION 9 (1998), CONCERNING METAL CONTAMINANTS IN THE WATER SYSTEM.
- G-12
- WATER PIPING SHALL NOT BE ROUTED IN OUTSIDE WALLS OR ON EXTERIOR SIDE OF BUILDING INSULATION ENVELOPE.
- G-13
- WATER HAMMER ARRESTORS SHALL BE INSTALLED IN ALL WATER LINES WITH QUICK OPEN OR QUICK CLOSE VALVES.
- WATER HAMMER ARRESTOR SCHEDULE:
- TYPE A
- 1-11 FIXTURE UNITS
- TYPE B
- 12-32 FIXTURE UNITS
- TYPE C
- 33-60 FIXTURE UNITS
- TYPE D
- 61-113 FIXTURE UNITS



HFSArchitects

ARCHITECTURE
INTERIORS
PLANNING

1484 South State Street
Salt Lake City, Utah 84115
801-596-0691/F: 596-0693
www.hfsa.com

CONSULTANT



WHW
ENGINEERING INC.
PROFESSIONAL MECHANICAL ENGINEERING
1354 East 3300 South Suite 200
SALT LAKE CITY, UTAH 84106
(801)466-4021, FAX 466-8836
EMAIL: excellence@whw-engineering.com



TESTING &
ASSESSMENT CENTER
REMODEL

Salt Lake Community College
Redwood Campus
Salt Lake City, Utah

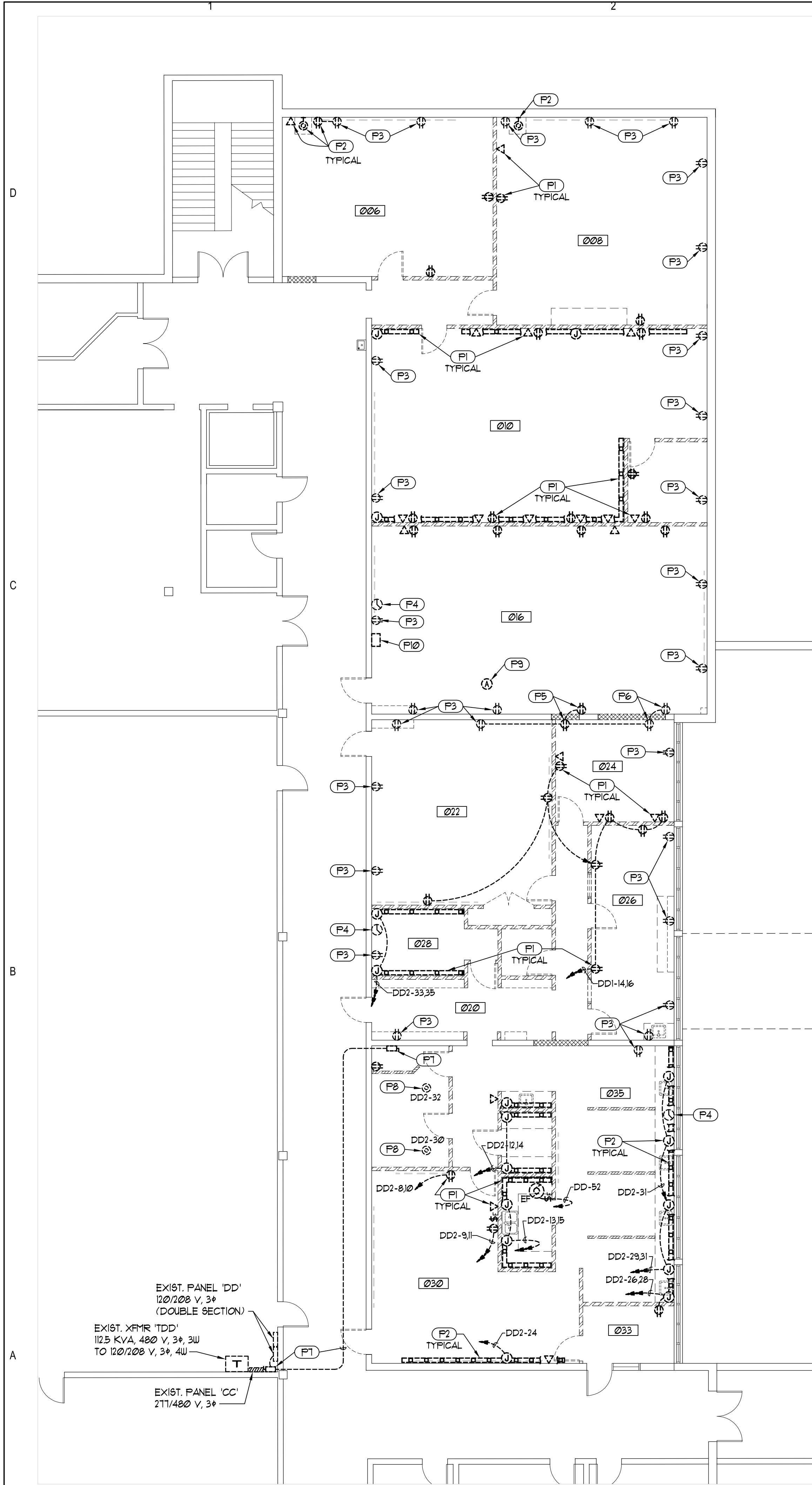
| MARK | DATE | DESCRIPTION |
|------|------|-------------|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

| | |
|----------------------|------------------------|
| DATE: | 14 AUGUST 2007 |
| AGENCY PROJECT NO: | 07033660 |
| HFSA PROJECT NO: | 0719.01 |
| CAD DWG FILE NO: | |
| DRAWN BY: | staff |
| CHECKED BY: | WP |
| DESIGNED BY: | PC |
| DWG TYPE: | MECHANICAL |
| ARCHITECTURAL PHASE: | CONSTRUCTION DOCUMENTS |
| SHEET TITLE | |

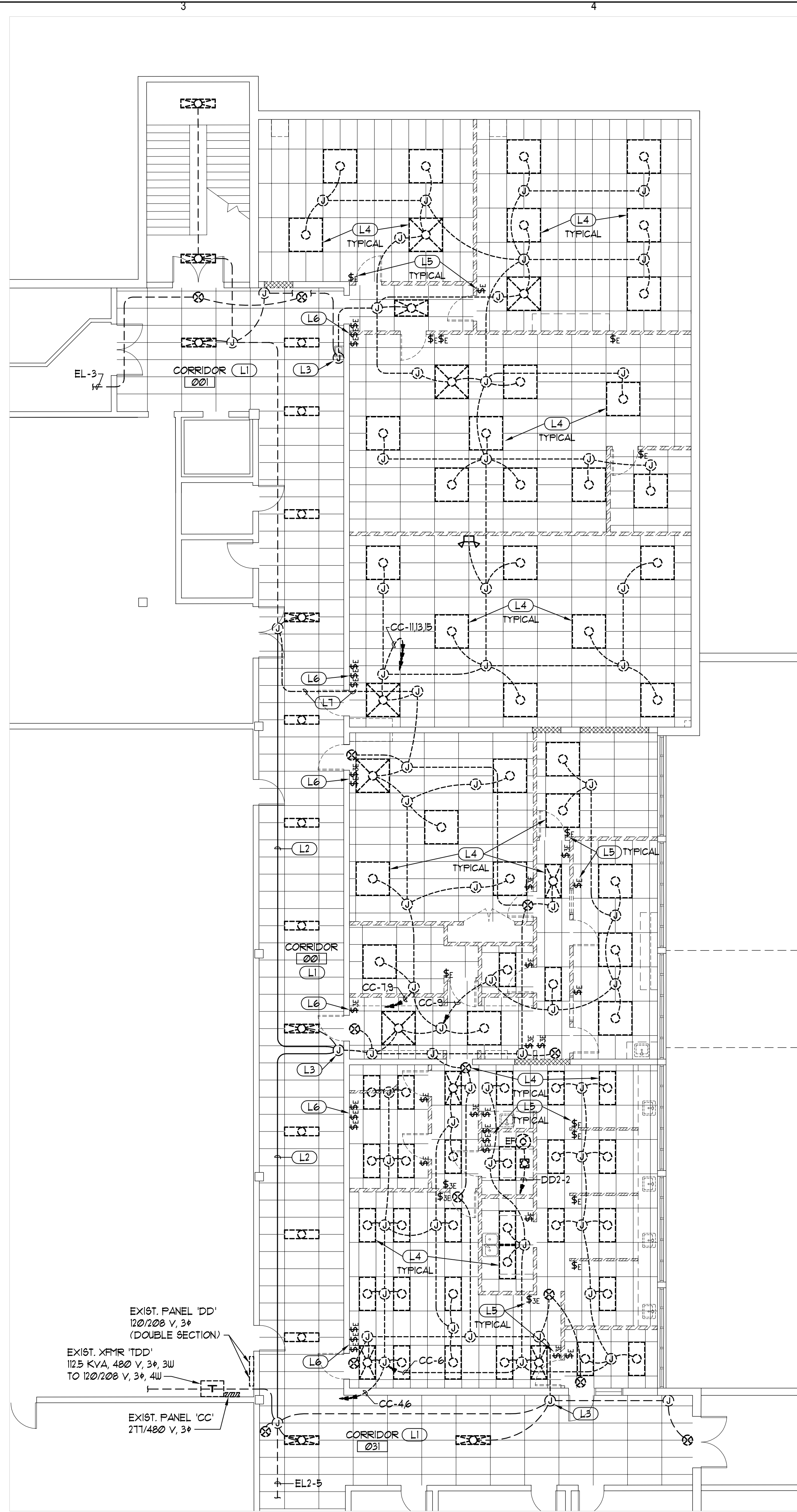
PLUMBING
DEMOLITION
PLAN

PD101

SHEET 1 OF 6



A1 POWER DEMOLITION PLAN
SCALE: 1/8" = 1'-0"

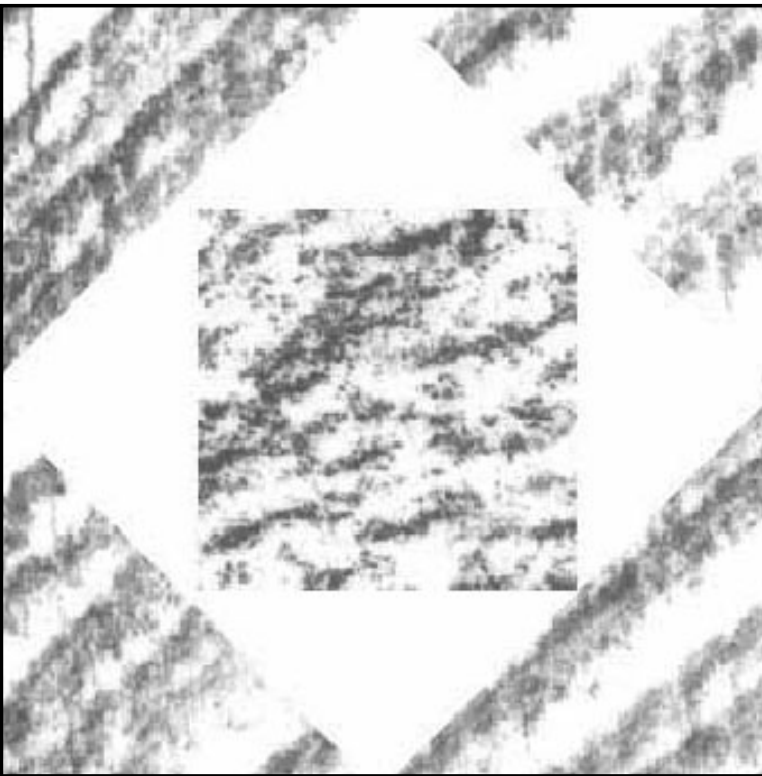


A3 LIGHTING DEMOLITION PLAN
SCALE: 1/8" = 1'-0"

- GENERAL NOTES:**
- LOCATIONS OF EXISTING ELECTRICAL EQUIPMENT, LIGHTING, SWITCHES, OUTLETS, BRANCH CIRCUIT WIRING, ETC., ARE BASED ON EXISTING BUILDING ELECTRICAL DRAWINGS AND FIELD OBSERVATION OF EXISTING SURFACE CONDITIONS. FIELD VERIFY EXISTING LOCATIONS AND CIRCUITING AND IMMEDIATELY NOTIFY THE ARCHITECT OF ANY DISCREPANCIES WHICH MAY ADVERSELY AFFECT COMPLETION OF THE WORK.
 - DEMOLITION PLAN IS SHOWN FOR CONTRACTORS REFERENCE ONLY. FIELD VERIFY QUANTITIES AND LOCATIONS OF ALL EXISTING MATERIAL AND EQUIPMENT TO BE REMOVED. REMOVE ALL ABANDONED CONDUIT WIRING, JUNCTION BOXES, OUTLETS, LIGHT FIXTURES, EQUIPMENT, ETC. WHETHER SPECIFICALLY SHOWN OR NOT.
 - REMOVE ALL EXISTING FIXTURES, OUTLETS, SWITCHES, ETC., SHOWN, EXCEPT WHERE SPECIFICALLY NOTED TO REMAIN OR BE RELOCATED.
 - CONTRACTOR MAY USE EXISTING BRANCH CIRCUIT WIRING AND RACEWAYS WHERE CONVENIENT TO CONNECT TO NEW ELECTRICAL DEVICES ONLY IF THE EXISTING WIRING AND RACEWAYS ARE IN GOOD CONDITION AND MEET DIVISION 16 SPECIFICATION REQUIREMENTS FOR NEW WIRING AND RACEWAYS.
 - WHERE REMOVAL OF EXISTING ELECTRICAL EQUIPMENT INTERRUPTS EXISTING BRANCH CIRCUITS OR FEEDERS TO EXISTING EQUIPMENT TO REMAIN, FURNISH AND INSTALL NEW CONDUIT AND WIRING AS REQUIRED TO RECONNECT THE EXISTING EQUIPMENT TO REMAIN.
 - ALL MATERIALS AND EQUIPMENT REMOVED SHALL REMAIN THE PROPERTY OF THE OWNER AND SHALL BE TURNED OVER TO THE OWNER FOR STORAGE OR BE DISPOSED OF BY THE CONTRACTOR AS DIRECTED BY THE OWNER.
 - TAKE ALL PRECAUTIONS NECESSARY TO AVOID DAMAGE TO THE EXISTING BUILDING. REPAIR ALL DAMAGE INCURRED BY DEMOLITION AND NEW CONSTRUCTION TO EXACTLY MATCH SURROUNDING SURFACES AND/OR CONDITIONS WITHOUT ADDITIONAL COST TO THE OWNER. COORDINATE REPAIRS WITH THE GENERAL CONTRACTOR.

- LIGHTING DEMOLITION KEYED NOTES:**
- EXISTING LIGHTING IN MAIN CORRIDORS 001 AND 031 TO REMAIN. SHOWN FOR REFERENCE ONLY.
 - PROVIDE NEW EMERGENCY LIGHT CIRCUIT TO CONNECT EXISTING CORRIDOR EMERGENCY LIGHT PRIOR TO BEGINNING DEMOLITION IN REMODEL SPACE.
 - EXISTING EMERGENCY LIGHT CIRCUIT JUNCTION BOX AND CONDUIT THROUGH WALL TO REMAIN FOR CONNECTION TO NEW LIGHTING IN REMODEL SPACE. REMOVE EXISTING WIRING TO EXISTING FIXTURES TO BE REMOVED.
 - REMOVE ALL EXISTING FIXTURES FROM EXISTING CEILING TO BE REMOVED. REMOVE ALL WIRE, CONDUIT, BOXES, SUPPORTS, ETC., ASSOCIATED WITH THE EXISTING FIXTURES.
 - REMOVE ALL EXISTING SWITCHES FROM EXISTING WALLS TO BE REMOVED. REMOVE ALL EXISTING WIRING, CONDUIT, BOXES, ETC., ASSOCIATED WITH REMOVED SWITCHES COMPLETE TO POINT OF ORIGIN.
 - REMOVE EXISTING SWITCHES, COVERPLATE, AND WIRING. EXISTING 3-GANG FLUSH OUTLET BOX IN CONCRETE WALL TO REMAIN. PROVIDE NEW BLANK COVERPLATE TO MATCH COLOR OF NEW WALL FINISH.
 - REMOVE EXISTING EMERGENCY LIGHT CIRCUIT THROUGH WALL AND FIRE SEAL EXISTING CONDUIT PENETRATION THROUGH WALL.

- POWER DEMOLITION KEYED NOTES:**
- REMOVE ALL EXISTING RECEPTACLES, MULTI-OUTLET ASSEMBLIES, TELE/DATA OUTLETS, SWITCHES, ETC., FROM EXISTING WALLS TO REMAIN. REMOVE ALL EXISTING CABLES, WIRING, CONDUIT, BOXES, ETC., ASSOCIATED WITH REMOVED DEVICES COMPLETE TO POINT OF ORIGIN.
 - REMOVE EXISTING SURFACE MOUNTED MULTI-OUTLET ASSEMBLIES, TELE/DATA OUTLETS, SWITCHES, ETC., FROM EXISTING CONCRETE WALLS TO REMAIN. REMOVE ALL EXISTING CABLES, WIRING, CONDUIT, BOXES, ETC., ASSOCIATED WITH REMOVED DEVICES COMPLETE TO POINT OF ORIGIN. REPAIR EXISTING WALL AS REQUIRED TO MATCH SURROUNDING SURFACES.
 - REMOVE EXISTING RECEPTACLE AND COVERPLATE. EXISTING FLUSH OUTLET BOX IN CONCRETE WALL, CONDUIT, AND WIRING ARE TO REMAIN. SEE POWER PLAN, SHEET E-101, FOR CIRCUIT INFORMATION.
 - REMOVE EXISTING CLOCK SYSTEM CLOCK AND STORE AT PROJECT SITE FOR INSTALLATION UPON COMPLETION OF CONSTRUCTION WHICH MAY DAMAGE THE CLOCK.
 - REMOVE EXISTING RECEPTACLE, WIRING, OUTLET BOX, AND CONDUIT AS REQUIRED FOR NEW DOOR OPENING IN EXISTING CONCRETE WALL. SEE POWER PLAN, SHEET E-101, FOR RECONNECTION OF EXISTING CIRCUIT.
 - EXISTING RECEPTACLE OUTLET BOXES TO REMAIN IN CONCRETE WALL. EXISTING BRANCH CIRCUIT MAY BE INTERRUPTED BY REMOVAL OF EXISTING CONCRETE WALL FOR NEW WINDOW OPENING ABOVE RECEPTACLES. SEE POWER PLAN, SHEET E-101, FOR RECONNECTION OF EXISTING CIRCUIT.
 - REMOVE TWO EXISTING 3P-100A SAFETY SWITCHES FOR X-RAY MACHINE COMPLETE, INCLUDING FEEDER AND CONNECTIONS TO PANEL 'DD' MAIN BREAKER.
 - REMOVE EXISTING RECEPTACLE AND WIRING FROM EXISTING FLOOR OUTLET. EXISTING FLOOR BOX WITH BRASS COVERPLATE TO REMAIN.
 - REMOVE EXISTING CEILING MOUNTED WIFI TRANSMITTER AND SALVAGE FOR OWNER. CONTRACTOR TO REMOVE EXISTING CABLE COMPLETE TO POINT OF ORIGIN.
 - REMOVE EXISTING ELECTRONICS ENCLOSURE AND SALVAGE FOR OWNER. CONTRACTOR TO REMOVE EXISTING CABLES COMPLETE TO POINT OF ORIGIN.



HFS Architects
ARCHITECTURE
INTERIORS
PLANNING
1484 South State
Salt Lake City, Utah 84115
801-596-0691/F: 596-0693
www.hfsa.com

CONSULTANT
ELECTRICAL
THOMAS & KOLKMAN ENG. CO. INC.
64 West 1700 South
Salt Lake City, Utah 84115
801-484-8161/ F. 484-3538

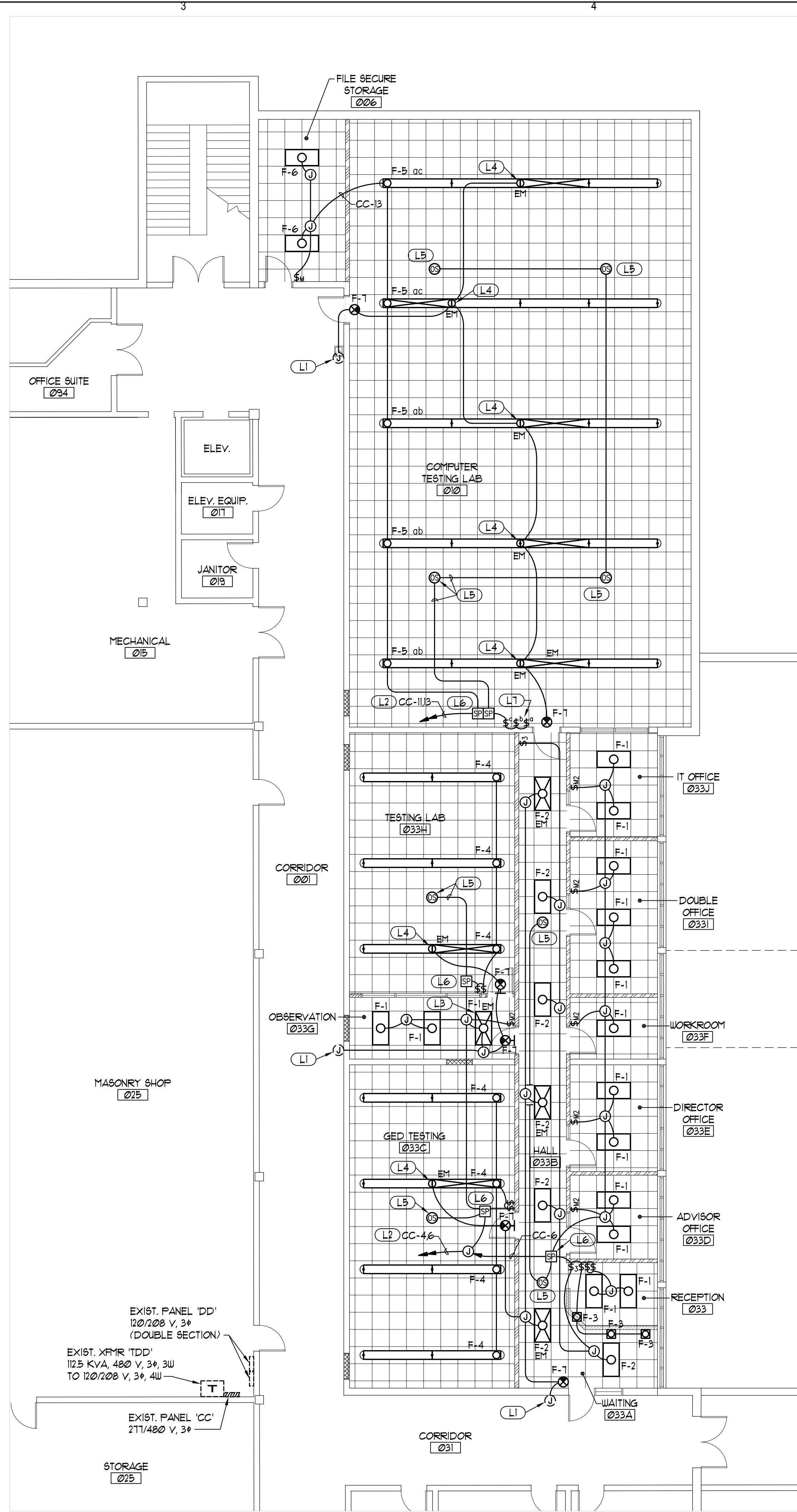
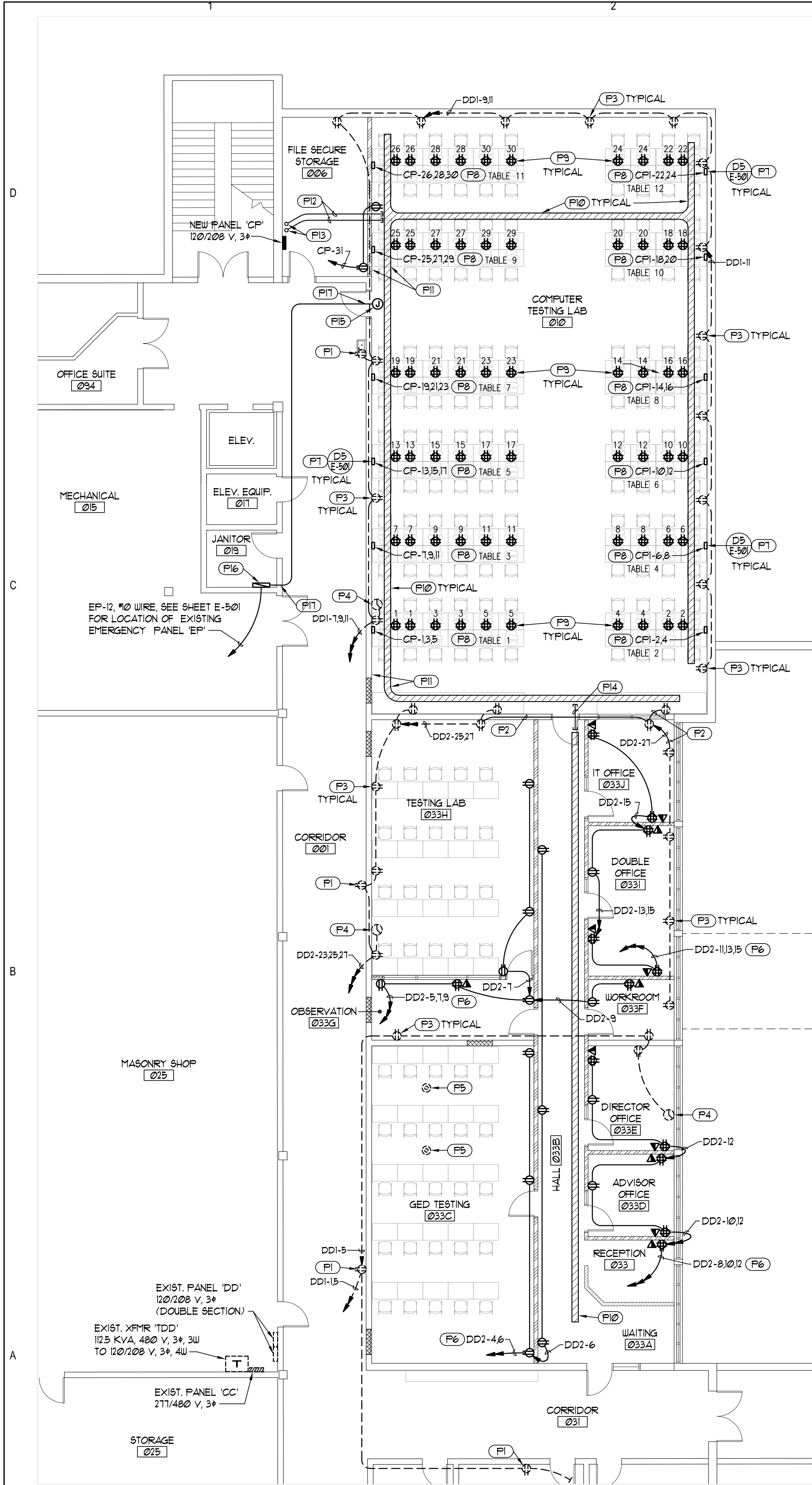
TESTING & ASSESSMENT CENTER REMODEL
Salt Lake Community College
Redwood Campus
Salt Lake City, Utah

| MARK | DATE | DESCRIPTION |
|------|------|-------------|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

DATE: 23 JULY 2007
AGENCY PROJECT NO: 07033660
HFS PROJECT NO: 0719.01
CAD DWG FILE NO: EE0719 E-101.dwg
DRAWN BY: W.B.G.
CHECKED BY: R.G.K.
DESIGNED BY: W.B.G.
DWG TYPE: ELECTRICAL
ARCHITECTURAL PHASE:
CONSTRUCTION DOCUMENTS BID SET
SHEET TITLE

ELECTRICAL DEMOLITION PLANS

ED101
SHEET 1 OF 5



GENERAL NOTES:

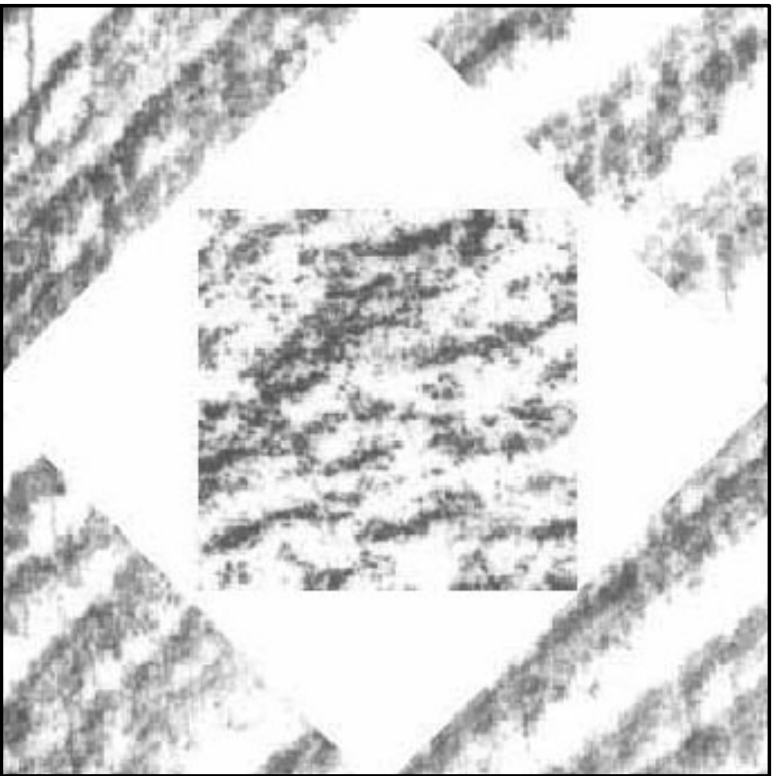
- COORDINATE FIXTURE LOCATIONS WITH ARCHITECT'S REFLECTED CEILING PLAN, CEILING CONTRACTOR, BUILDING STRUCTURE, MECHANICAL EQUIPMENT & DUCTWORK LOCATIONS, ETC.
- CONNECT F-1, F-4, AND F-5 FIXTURES WITH TWO OUTSIDE LAMPS CONTROLLED BY ONE SWITCH AND INSIDE LAMP CONTROLLED BY SECOND SWITCH.
- FIELD COORDINATE LOCATION OF ALL NEW RECEPTABLES AND OUTLETS WITH OWNER'S FURNITURE LOCATIONS PRIOR TO ROUGHING IN.
- WHERE BRANCH CIRCUIT HOMERUNS INDICATE WIRE SIZES, USE THAT SIZE WIRE THROUGHOUT THE BRANCH CIRCUIT, INCLUDING SWITCH LEGS, ETC.
- TAKE ALL PRECAUTIONS NECESSARY TO AVOID DAMAGE TO THE EXISTING BUILDING. REPAIR ALL DAMAGE INCURRED BY DEMOLITION AND NEW CONSTRUCTION TO EXACTLY MATCH SURROUNDING SURFACES AND/OR CONDITIONS WITHOUT ADDITIONAL COST TO THE OWNER. COORDINATE REPAIRS WITH THE GENERAL CONTRACTOR.

LIGHTING PLAN KEYED NOTES:

- EXISTING EMERGENCY LIGHT CIRCUIT JUNCTION BOX AND CONDUIT THROUGH WALL. SEE LIGHTING DEMOLITION PLAN, SHEET ED101, FOR CONTINUATION OF EXISTING CIRCUIT. EXTEND EXISTING CIRCUIT TO NEW EMERGENCY FIXTURES AS INDICATED.
- CONNECT TO EXISTING BRANCH CIRCUIT ABANDONED BY DEMOLITION. PROVIDE NEW WIRING COMPLETE TO EXISTING PANELBOARD.
- CONNECT EMERGENCY LIGHT CIRCUIT TO BALLAST FOR ONE INBOARD LAMP OF EMERGENCY LIGHT FIXTURE. CIRCUIT AND SWITCH BALLAST FOR TWO OUTBOARD LAMPS WITH GENERAL ROOM LIGHTING.
- PROVIDE SEPARATE POWER FEED FOR EMERGENCY LIGHTING CIRCUIT TO PENDANT MOUNTED FIXTURES AND CONNECT TO BALLAST FOR TWO INBOARD LAMPS OF FIXTURE SECTION INDICATED.
- CEILING MOUNTED DUAL TECHNOLOGY 360° OCCUPANCY SENSOR. INSTALL CLASS 2 CONTROL WIRING FROM OCCUPANCY SENSOR TO SWITCHPACK IN MINIMUM 1/2" CONDUIT. DO NOT INSTALL ANY OTHER WIRING IN THE SAME RACEWAY SYSTEM.
- OCCUPANCY SENSOR SWITCHPACK. INSTALL IN ACCESSIBLE CEILING SPACE ABOVE SWITCHES. CONNECT ROOM SWITCHES TO LOAD SIDE OF SWITCHPACK TO ALLOW MULTIPLE FIXTURE/LAMP SWITCHING AS INDICATED.
- SURFACE MOUNT SWITCHES ON EXISTING CONCRETE WALL USING WIREMOLD, V100, OR EQUAL, SURFACE METAL RACEWAY SYSTEM. PROVIDE A SEPARATE OUTLET BOX FOR EACH 277 VOLT CIRCUIT AS REQUIRED BY NEC 404.8(B). CONNECT CIRCUIT CC-11 THRU SWITCHES 'a' AND 'b' TO CONTROL OUTBOARD LAMPS OF F-5 FIXTURES. CONNECT CIRCUIT CC-13 THRU SWITCH 'c' TO CONTROL INBOARD LAMPS OF F-5 FIXTURES.

POWER PLAN KEYED NOTES:

- EXISTING RECEPTACLE OUTSIDE OF REMODEL AREA TO REMAIN. SHOWN FOR CIRCUITING REFERENCE ONLY.
- PROVIDE NEW CONDUIT AND WIRING AS REQUIRED TO RECONNECT EXISTING BRANCH CIRCUIT INTERRUPTED BY DEMOLITION.
- PROVIDE NEW RECEPTACLE AND COVERPLATE IN EXISTING OUTLET BOXES MOUNTED FLUSH IN EXISTING CONCRETE WALLS AND CONNECT TO EXISTING CIRCUIT. (TYPICAL FOR ALL EXISTING RECEPTABLES SHOWN EXCEPT AS NOTED.)
- INSTALL CLOCK SYSTEM CLOCK SALVAGED FROM DEMOLITION. CONNECT TO EXISTING CIRCUIT AND LEAVE IN PROPER WORKING ORDER.
- EXISTING FLOOR OUTLET BOXES TO BE ABANDONED IN PLACE WITH DEVICES AND ALL WIRING REMOVED.
- CONNECT TO EXISTING BRANCH CIRCUIT ABANDONED BY DEMOLITION. PROVIDE NEW WIRING COMPLETE TO EXISTING PANELBOARD.
- PROVIDE NEW SURFACE RACEWAY SYSTEM FROM CEILING TO NEW COMPUTER TABLES FOR POWER AND DATA TO COMPUTERS. SEE DETAIL DB/E-501.
- PROVIDE A SEPARATE NEUTRAL FOR EACH CIRCUIT AND AN INSULATED GROUND CONDUCTOR TO COMPUTER LAB TABLES.
- PROVIDE NEW DOUBLE DUPLEX RECEPTABLES MOUNTED ON COMPUTER TABLES. CONNECT POWER TO NEW SURFACE RACEWAY FROM CEILING USING LIQUID-TIGHT FLEXIBLE STEEL CONDUIT. FIELD VERIFY EXACT RECEPTACLE LOCATIONS AND REQUIREMENTS WITH OWNER.
- PROVIDE 2" HIGH x 8" WIDE WIRE TYPE CABLE TRAY IN ACCESSIBLE CEILING SPACE FOR TELEPHONE AND DATA CABLES TO BE INSTALLED BY OWNER. SEE SPECIFICATION SECTION 16112 FOR REQUIREMENTS.
- OFFSET CABLE TRAY ABOVE OR BELOW EXISTING HVAC DUCT PENETRATION THROUGH WALL AS REQUIRED.
- PROVIDE (2) 4" CONDUITS FROM CABLE TRAY UP TO EXISTING TELE/DATA ROOM 102A ON MAIN LEVEL ABOVE.
- CORE-DRILL AND FIRE-SEAL EXISTING MAIN LEVEL CONCRETE FLOOR FOR NEW CONDUIT PENETRATIONS.
- PROVIDE NEW 4" CONDUIT THROUGH EXISTING CONCRETE WALL FOR TELE/DATA CABLES BETWEEN SEGMENTS OF CABLE TRAY. CORE-DRILL EXISTING WALL FOR NEW CONDUIT PENETRATION.
- PROVIDE JUNCTION BOX IN ACCESSIBLE CEILING SPACE AND CONNECT TO SECURITY DOOR ALARM IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS.
- NEW FIRE ALARM SYSTEM POWER SUPPLY FOR NOTIFICATION APPLIANCE CIRCUITS. SEE FIRE ALARM SYSTEM PLAN, SHEET E-102.
- DRILL AND FIRE SEAL EXISTING CONCRETE WALL FOR NEW CONDUIT PENETRATION.



HFS Architects

ARCHITECTURE
INTERIORS
PLANNING

1484 South State
Salt Lake City, Utah 84115
801-596-0691/F: 596-0693
www.hfsa.com

CONSULTANT

ELECTRICAL

THOMAS & KOLKMAN ENG. CO. INC.
64 West 1700 South
Salt Lake City, Utah 84115
801-484-8161/ F. 484-3538

TESTING & ASSESSMENT CENTER REMODEL

Salt Lake Community College
Redwood Campus
Salt Lake City, Utah

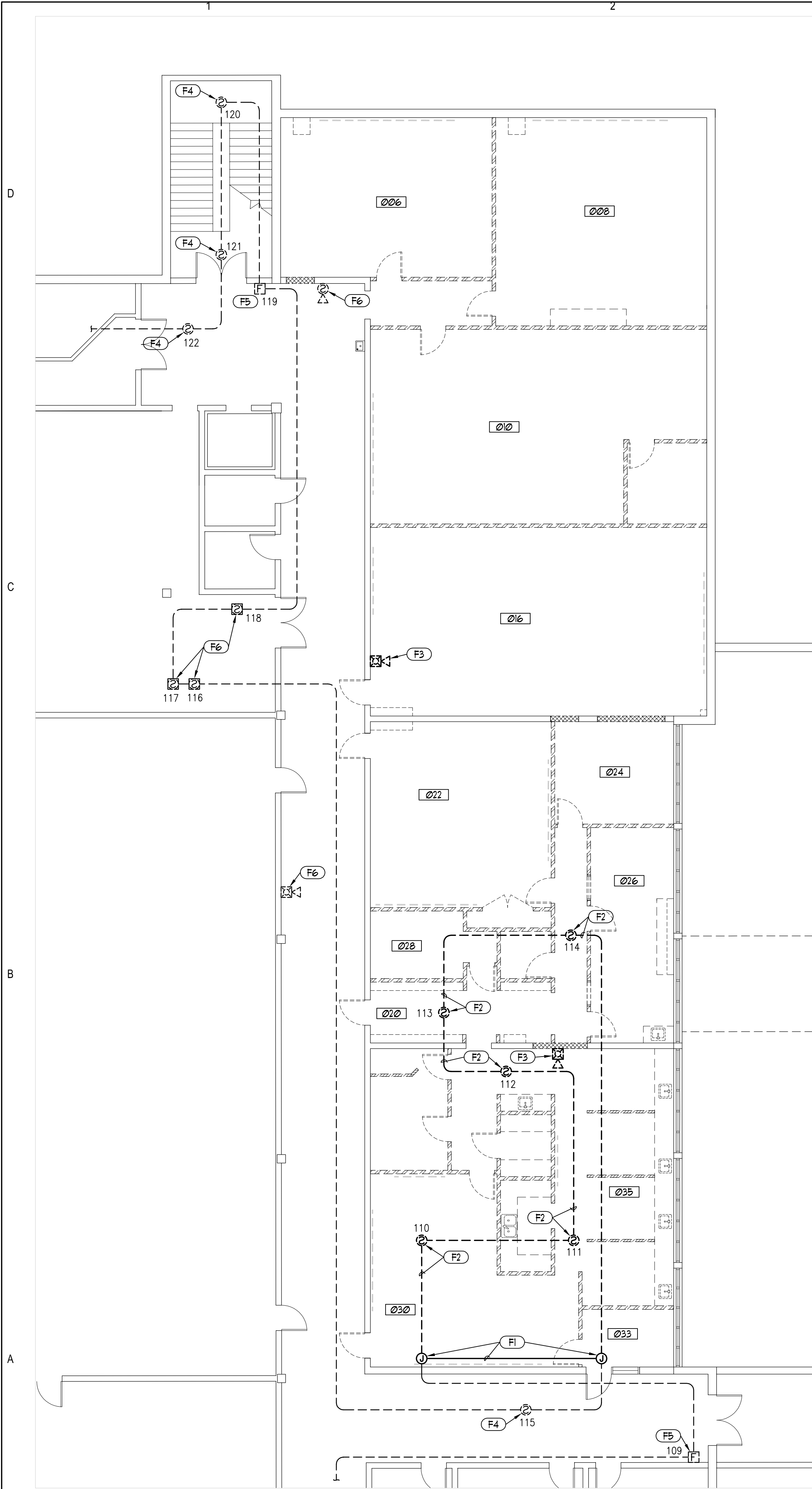
| MARK | DATE | DESCRIPTION |
|------|------|-------------|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

| | |
|----------------------|--------------------------------|
| DATE: | 23 JULY 2007 |
| AGENCY PROJECT NO: | 07033660 |
| HFS PROJECT NO: | 0719.01 |
| CAD DWG FILE NO: | EE0719 E-101.dwg |
| DRAWN BY: | W.B.G. |
| CHECKED BY: | R.G.K. |
| DESIGNED BY: | W.B.G. |
| DWG TYPE: | ELECTRICAL |
| ARCHITECTURAL PHASE: | CONSTRUCTION DOCUMENTS BID SET |
| SHEET TITLE | |

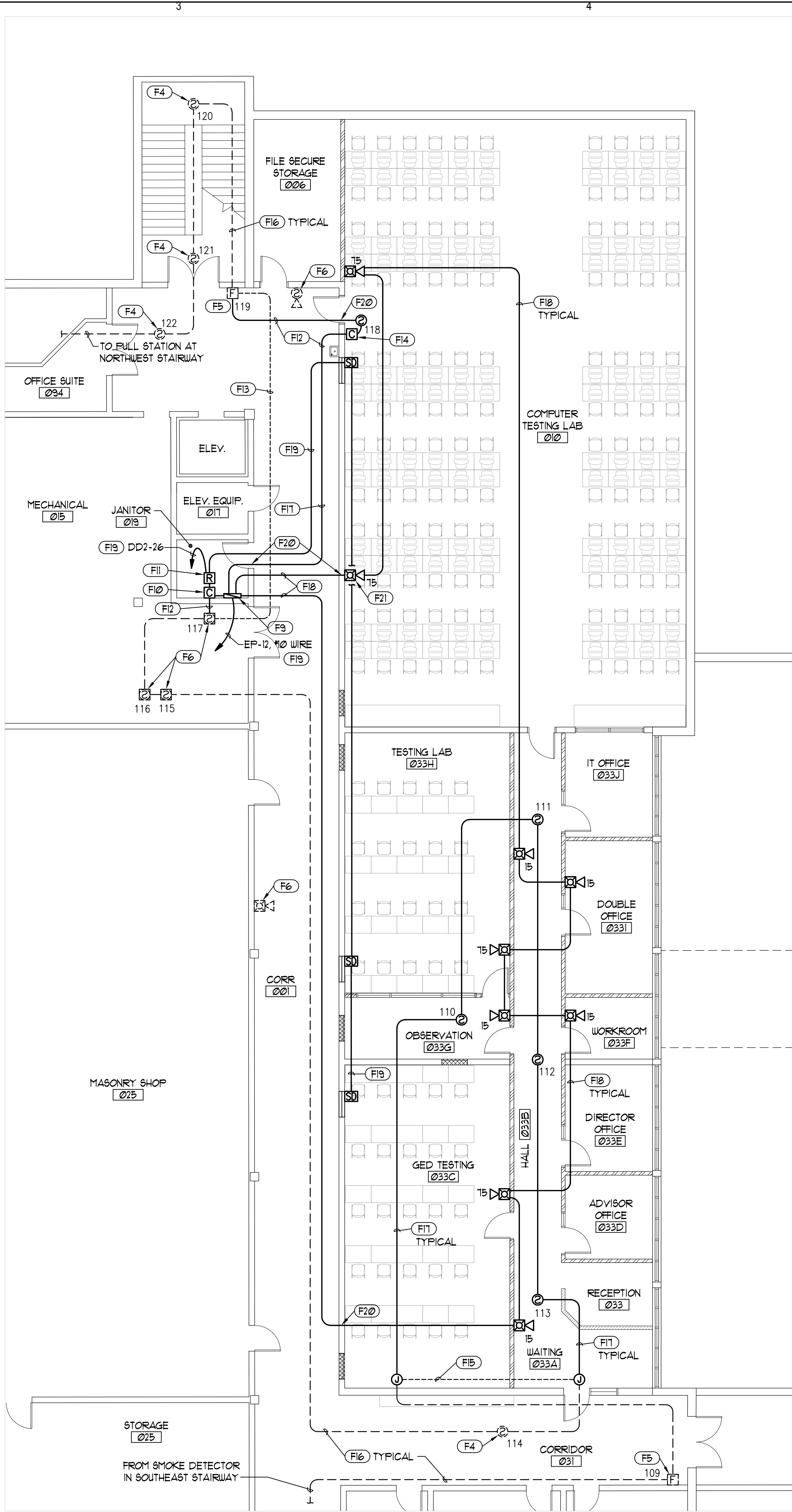
ELECTRICAL LIGHTING AND POWER PLANS

E-101

SHEET 2 OF 5



A1 FIRE ALARM DEMOLITION PLAN
SCALE: 1/8" = 1'-0"
0 4' 8' 16'



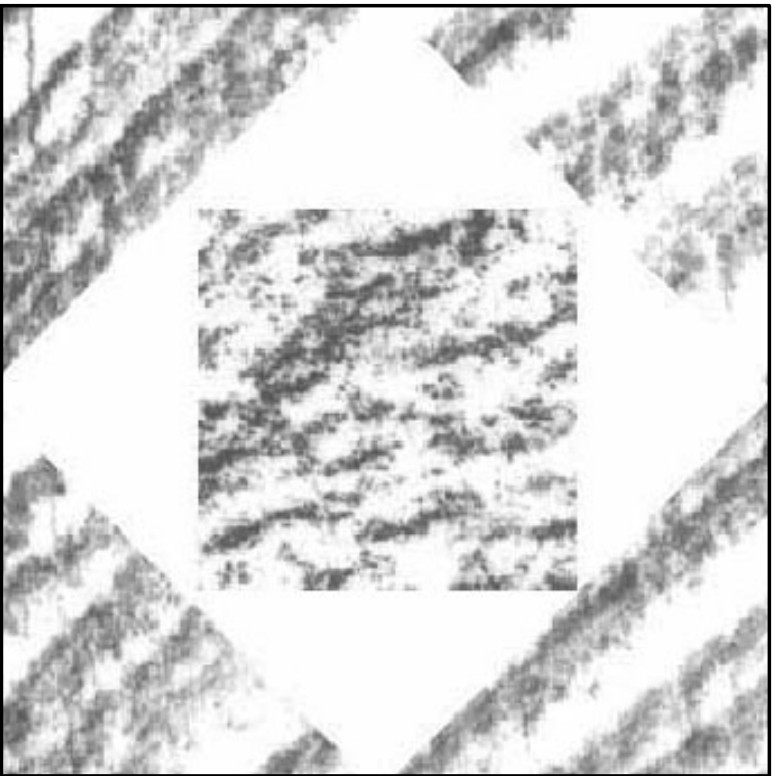
A3 FIRE ALARM PLAN PLAN
SCALE: 1/8" = 1'-0"
0 4' 8' 16'

GENERAL NOTES:

1. THE EXISTING BUILDING IS PROTECTED THROUGHOUT BY AN AUTOMATIC FIRE ALARM SYSTEM WHICH IS TO REMAIN OPERATIONAL THROUGHOUT THE CONSTRUCTION PERIOD.
2. SUBMIT REQUESTS FOR FIRE ALARM SYSTEM OUTAGES TO THE SLCC FACILITIES PROJECT MANAGER NOT LESS THAN 1 DAYS PRIOR TO ANY PROPOSED FIRE ALARM OUTAGES. IMMEDIATELY NOTIFY THE SLCC FACILITIES PROJECT MANAGER IF THE FIRE ALARM IS UNINTENTIONALLY DISABLED AND IMMEDIATELY MAKE REPAIRS TO RESTORE THE SYSTEM TO AN OPERATIONAL CONDITION.
3. THE CONTRACTOR SHALL MAINTAIN A FIRE WATCH DURING ALL FIRE ALARM SYSTEM OUTAGES IN ACCORDANCE WITH IFC SECTION 901.1.
4. ANY WORK PERFORMED ON THE FIRE ALARM SYSTEM SHALL BE APPROVED IN ADVANCE BY THE FIRE ALARM SYSTEM FACTORY REPRESENTATIVE. CONTACT NELSON FIRE SYSTEMS AT (801) 468-8300.
5. PROTECT EXISTING SMOKE DETECTORS IN THE AREA OF CONSTRUCTION FROM EXCESSIVE DUST ACCUMULATION BY MEANS OF TEMPORARY DUST COVERS DURING DUST PRODUCING WORK OPERATIONS. REMOVE DUST COVERS IMMEDIATELY UPON COMPLETION OF DUST PRODUCING WORK.
6. CLEAN ALL EXISTING SMOKE DETECTORS AFFECTED BY CONSTRUCTION IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS UPON COMPLETION OF WORK AND PRIOR TO SUBSTANTIAL COMPLETION.
7. TEST ALL SMOKE DETECTORS AFTER CLEANING AND PRIOR TO SUBSTANTIAL COMPLETION. TESTING SHALL BE PERFORMED BY A FACTORY AUTHORIZED AND TRAINED TECHNICIAN OF THE FIRE ALARM SYSTEM MANUFACTURER. CONTACT NELSON FIRE SYSTEMS AT (801) 468-8300.
8. INITATION DEVICE ADDRESS NUMBERS ARE BASED ON NELSON FIRE SYSTEMS DRAWINGS DATED 6/28/01 AND MAY BE DIFFERENT THAN ADDRESS NUMBER ON THE DEVICE. COORDINATE ADDRESS NUMBERS WITH NELSON FIRE SYSTEMS AND PROVIDE NEW LABELS TO INDICATE CORRECT ADDRESS NUMBERS.
9. TAKE ALL PRECAUTIONS NECESSARY TO AVOID DAMAGE TO THE EXISTING BUILDING. REPAIR ALL DAMAGE INCURRED BY DEMOLITION AND NEW CONSTRUCTION TO EXACTLY MATCH SURROUNDING SURFACES AND/OR CONDITIONS WITHOUT ADDITIONAL COST TO THE OWNER. COORDINATE REPAIRS WITH THE GENERAL CONTRACTOR.

FIRE ALARM KEYED NOTES:

- (F1) INTERCEPT EXISTING FIRE ALARM SYSTEM SIGNALING LINE CIRCUIT AND PROVIDE NEW TEMPORARY CONNECTION TO KEEP CIRCUIT INTACT DURING DEMOLITION AND NEW CONSTRUCTION.
- (F2) REMOVE EXISTING CEILING MOUNTED SMOKE DETECTORS IN AREA OF REMODEL INCLUDING ALL ABANDONED CONDUIT, WIRING, BOXES, ETC. SALVAGE EXISTING DETECTORS AND TURN OVER TO NELSON FIRE SYSTEMS FOR REFURBISHMENT.
- (F3) REMOVE EXISTING HORN/STROBE INCLUDING ABANDONED CONDUIT, WIRE, BOXES, ETC. PROVIDE NEW PERMANENT CONNECTION OF EXISTING NOTIFICATION APPLIANCE CIRCUIT TO BE CONCEALED ABOVE NEW CEILING. FIELD VERIFY EXISTING NOTIFICATION APPLIANCE CIRCUITING.
- (F4) EXISTING SMOKE DETECTOR TO REMAIN. SEE GENERAL NOTE 5 ABOVE.
- (F5) EXISTING MANUAL PULL STATION TO REMAIN.
- (F6) EXISTING MAIN CORRIDOR BEAM SMOKE DETECTORS TO REMAIN. DETECTORS MAY BE DISABLED WHEN ACCESSING THE MAIN CORRIDOR CEILING TO PREVENT FALSE ACTIVATION OF THE BEAM DETECTORS. SEE GENERAL NOTE 2 ABOVE REGARDING FIRE ALARM SYSTEM OUTAGES.
- (F7) EXISTING DUCT MOUNTED SMOKE DETECTORS TO REMAIN.
- (F8) EXISTING NOTIFICATION APPLIANCES OUTSIDE OF CONSTRUCTION AREA TO REMAIN.
- (F9) PROVIDE NEW POWER SUPPLY FOR NOTIFICATION APPLIANCE CIRCUITS IN EXISTING JANITOR ROOM. FIELD COORDINATE EXACT LOCATION WITH EXISTING CONDITIONS.
- (F10) PROVIDE NEW ADDRESSABLE CONTROL RELAY TO CONTROL NEW POWER RELAY FOR NEW SMOKE DAMPERS.
- (F11) PROVIDE NEW POWER RELAY AND CIRCUIT TO NEW SMOKE DAMPERS AS INDICATED.
- (F12) PROVIDE SIGNALING LINE CIRCUIT AND CONNECT TO NEW DEVICES AND INDICATED.
- (F13) REMOVE ABANDONED SIGNALING LINE CIRCUIT AFTER INSTALL OF NEW CIRCUIT.
- (F14) PROVIDE NEW ADDRESSABLE CONTROL MODULE IN ACCESSIBLE CEILING SPACE. INTERLOCK WITH NEW SECURITY DOOR TO IMMEDIATELY RELEASE THE DELAYED RELEASE PANIC HARDWARE UPON ACTIVATION OF THE FIRE ALARM SYSTEM. COORDINATE REQUIREMENTS WITH GENERAL CONTRACTOR.
- (F15) REMOVE TEMPORARY WIRING CONNECTION DESCRIBED IN KEYED NOTE F1 AFTER INSTALLATION OF NEW WIRING.
- (F16) EXISTING FIRE ALARM SYSTEM SIGNAL LINE CIRCUIT (SLC) LOOP IN METAL CLAD CABLE TO REMAIN.
- (F17) NEW SLC LOOP, 16 TWISTED PAIR METAL CLAD CABLE TO MATCH EXISTING FIRE ALARM SYSTEM WIRING. SUPPORT CABLE ABOVE NEW ACCESSIBLE CEILING IN ACCORDANCE WITH NEC 330.20.
- (F18) NEW NOTIFICATION APPLIANCE CIRCUIT (NAC) LOOP, 2 #12 METAL CLAD CABLE TO MATCH EXISTING FIRE ALARM SYSTEM WIRING. CONNECT TO NEW NOTIFICATION APPLIANCE CIRCUIT. SUPPORT ALL CABLE IN ACCORDANCE WITH NEC 330.20.
- (F19) NEW 120 VOLT POWER CIRCUIT, IN MINIMUM 3/4" EMT CONDUIT.
- (F20) DRILL AND FIRE SEAL EXISTING CONCRETE WALLS AS REQUIRED FOR NEW MC CABLE AND CONDUIT PENETRATIONS.
- (F21) PROVIDE SURFACE MOUNTED BACKBOX WITH WIREMOLD V100, OR EQUAL, SURFACE METAL RACEWAY TO ABOVE CEILING FOR HORN/STROBE ON EXISTING CONCRETE WALL.



HFS Architects

ARCHITECTURE
INTERIORS
PLANNING

1484 South State
Salt Lake City, Utah 84115
801-596-0691/F: 596-0693
www.hfsa.com

CONSULTANT

ELECTRICAL

THOMAS & KOLKMAN ENG. CO. INC.
64 West 1700 South
Salt Lake City, Utah 84115
801-484-8161/ F. 484-3538

TESTING & ASSESSMENT CENTER REMODEL

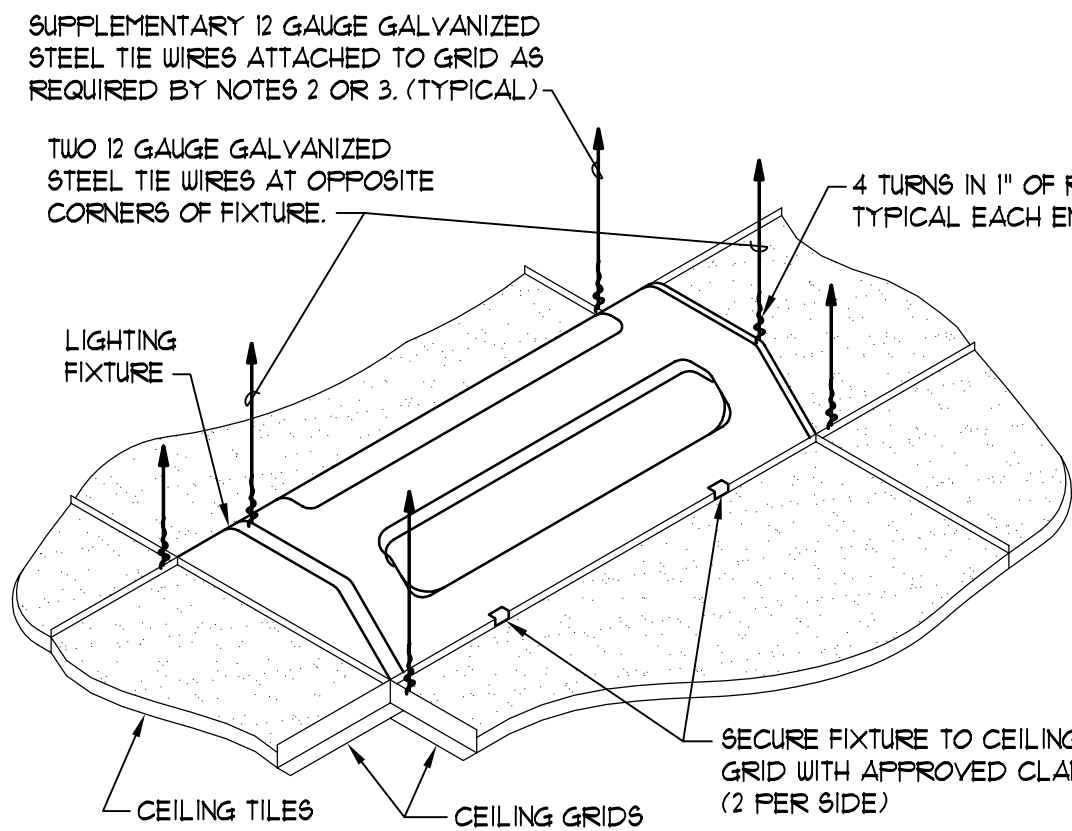
Salt Lake Community College
Redwood Campus
Salt Lake City, Utah

| MARK | DATE | DESCRIPTION |
|------|------|-------------|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

| | |
|----------------------|--------------------------------|
| DATE: | 23 JULY 2007 |
| AGENCY PROJECT NO: | 07033660 |
| HFS PROJECT NO: | 0719.01 |
| CAD DWG FILE NO: | EE0719 E-101.dwg |
| DRAWN BY: | W.B.G. |
| CHECKED BY: | R.G.K. |
| DESIGNED BY: | W.B.G. |
| DWG TYPE: | ELECTRICAL |
| ARCHITECTURAL PHASE: | CONSTRUCTION DOCUMENTS BID SET |
| SHEET TITLE | FIRE ALARM PLANS |

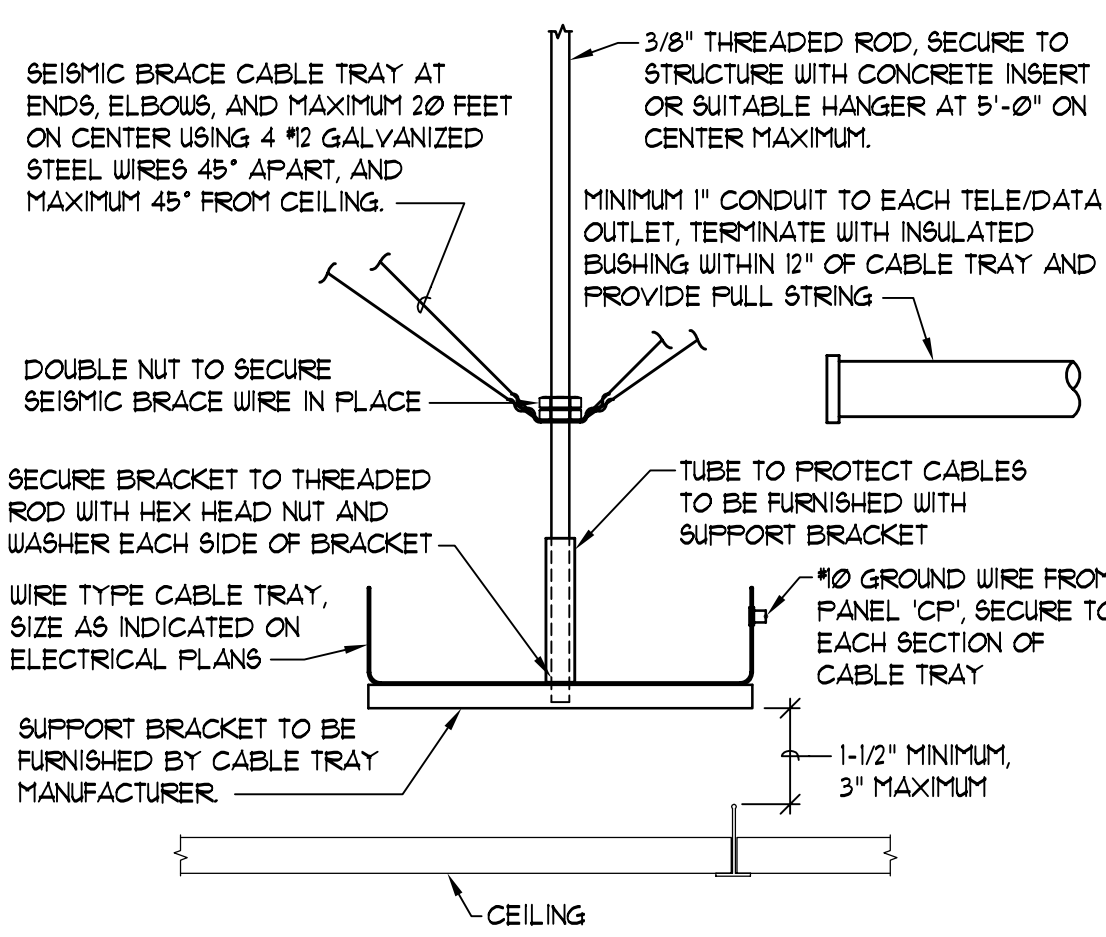
E-102

SHEET 3 OF 5

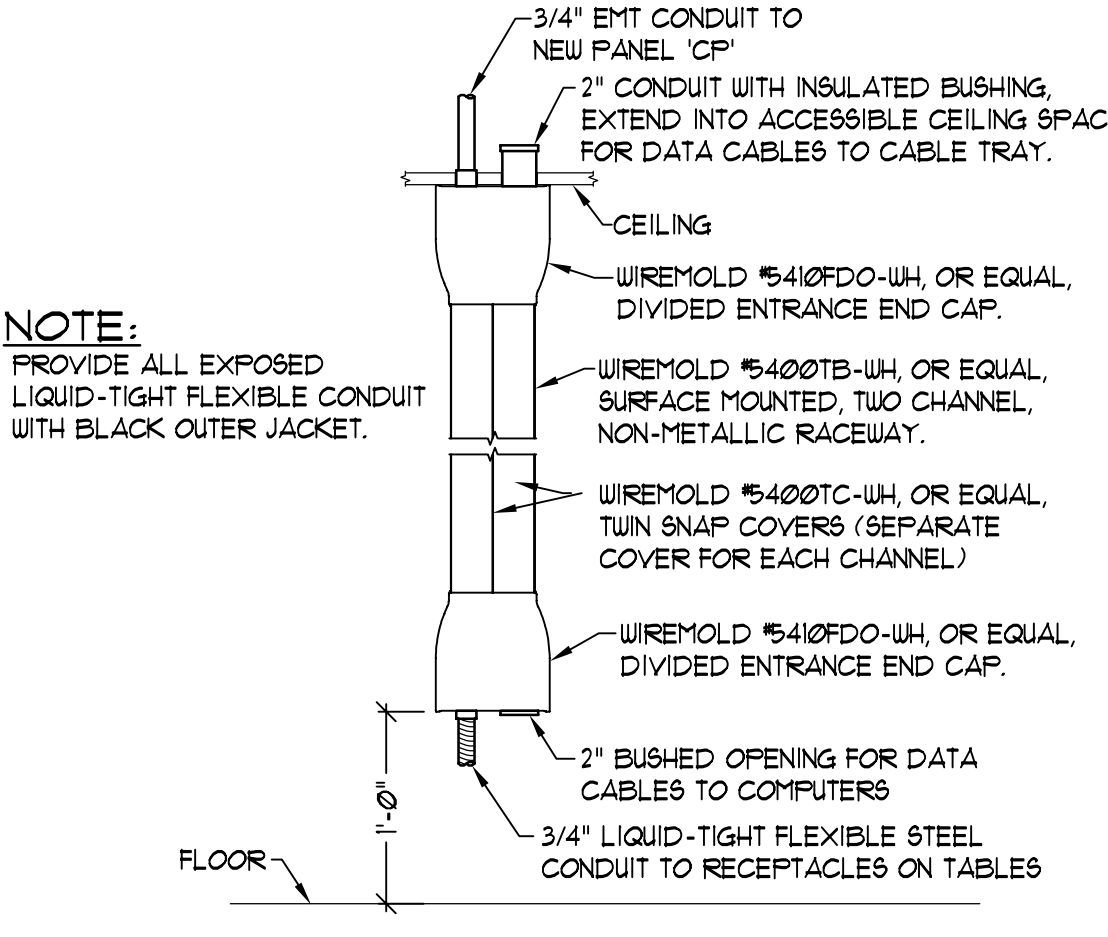


D2 TYPICAL LIGHTING FIXTURE SUPPORT DETAIL
NOT TO SCALE

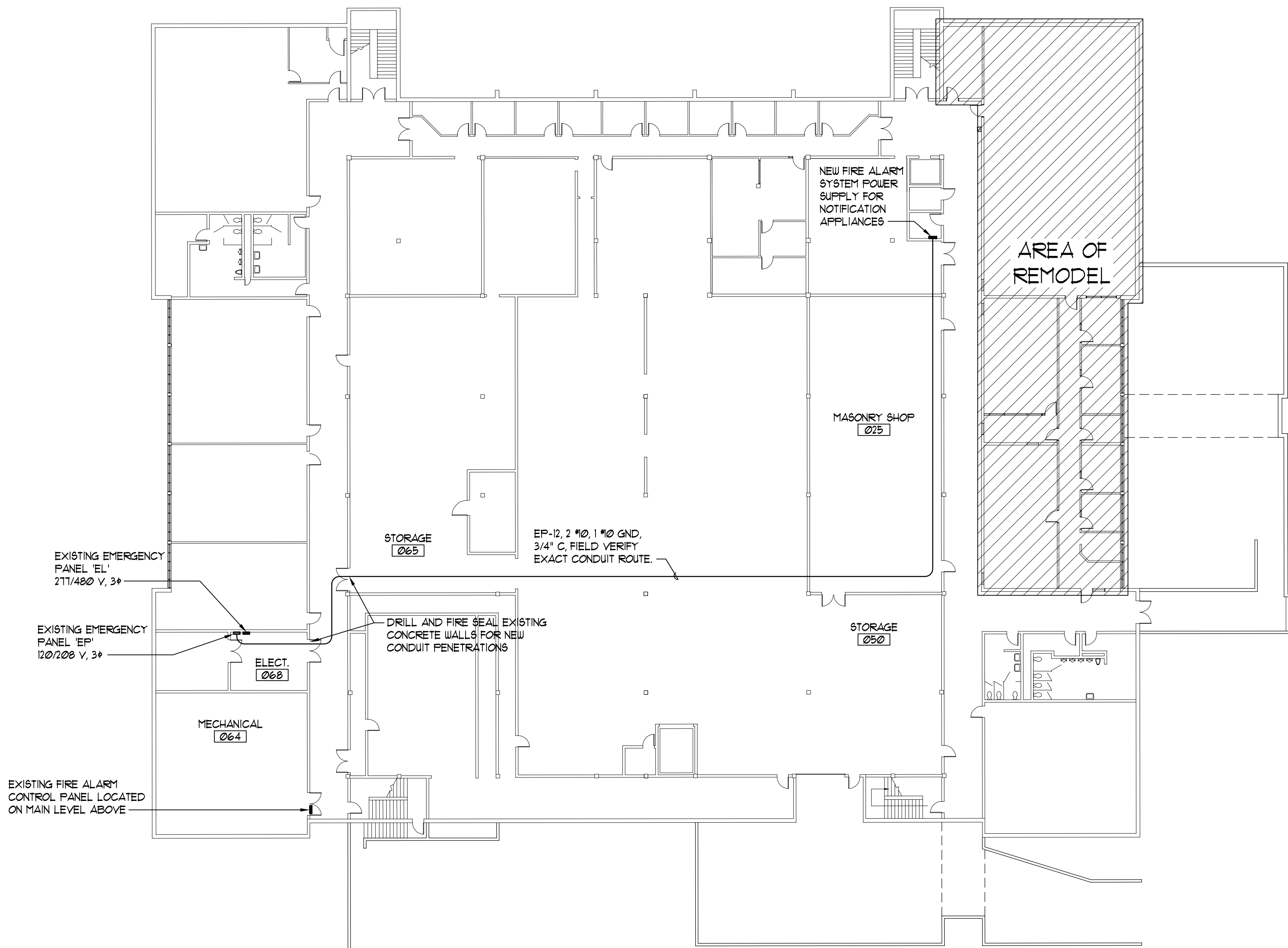
- FIXTURE SUPPORT NOTES:**
1. ALL LIGHTING FIXTURES SHALL BE POSITIVELY ATTACHED TO THE SUSPENDED CEILING SYSTEM. THE ATTACHMENT DEVICE SHALL HAVE A CAPACITY OF 100% OF THE LIGHTING FIXTURE WEIGHT ACTING ANY DIRECTION.
 2. FOR INTERMEDIATE DUTY CEILING SYSTEM, PROVIDE A SUPPLEMENTARY 12 GAUGE HANGER ATTACHED TO THE GRID MEMBERS WITHIN 3" OF EACH CORNER OF EACH FIXTURE AS SHOWN ON DETAIL. TANDEM FIXTURES MAY UTILIZE COMMON WIRES.
 3. FOR HEAVY DUTY CEILING SYSTEM, SUPPLEMENTARY HANGERS ARE NOT REQUIRED IF A 48" MODULAR HANGER WIRE PATTERN IS USED AND THE LIGHTING FIXTURE IS SUPPORTED FROM MAIN TEES. SUPPLEMENTARY 12 GAUGE HANGERS ARE REQUIRED WHERE THE FIXTURE IS SUPPORTED FROM CROSS TEES WITH LESS CARRYING CAPACITY THAN THE MAIN TEES.
 4. LIGHTING FIXTURES WEIGHING LESS THAN 56 LBS. SHALL HAVE, IN ADDITION TO THE REQUIREMENTS OUTLINED ABOVE, TWO 12 GAUGE HANGERS CONNECTED FROM THE FIXTURE HOUSING TO THE STRUCTURE ABOVE. THESE WIRES MAY BE SLACK.
 5. LIGHTING FIXTURES WEIGHING 56 LBS. OR MORE SHALL BE SUPPORTED DIRECTLY FROM THE STRUCTURE ABOVE BY APPROVED HANGERS.
 6. PENDANT HUNG LIGHTING FIXTURES SHALL BE SUPPORTED DIRECTLY FROM THE STRUCTURE ABOVE USING 9 GAUGE WIRES OR APPROVED ALTERNATE SUPPORT WITHOUT USING CEILING SUSPENSION SYSTEM FOR DIRECT SUPPORT.
 7. COORDINATE SUPPORT REQUIREMENTS AND HANGER WIRE INSTALLATION WITH CEILING CONTRACTOR.



D4 CABLE TRAY DETAIL
SCALE: 3" = 1'-0"



D5 SURFACE RACEWAY DETAIL
SCALE: 1" = 1'-0"



A3 CONSTRUCTION TRADES LOWER LEVEL ELECTRICAL REFERENCE PLAN
SCALE: 1" = 20'-0"

HFSArchitects
ARCHITECTURE
INTERIORS
PLANNING
1484 South State
Salt Lake City, Utah 84115
801-596-0691/F: 596-0693
www.hfsa.com

CONSULTANT
ELECTRICAL
THOMAS & KOLKMAN ENG. CO. INC.
64 West 1700 South
Salt Lake City, Utah 84115
801-484-8161/ F. 484-3538

TESTING & ASSESSMENT CENTER REMODEL
Salt Lake Community College
Redwood Campus
Salt Lake City, Utah

| MARK | DATE | DESCRIPTION |
|------|------|-------------|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

| | |
|----------------------|--------------------------------|
| DATE: | 23 JULY 2007 |
| AGENCY PROJECT NO: | 07033660 |
| HFSA PROJECT NO: | 0719.01 |
| CAD DWG FILE NO: | EE0719 E-501.dwg |
| DRAWN BY: | W.B.G. |
| CHECKED BY: | R.G.K. |
| DESIGNED BY: | W.B.G. |
| DWG TYPE: | ELECTRICAL |
| ARCHITECTURAL PHASE: | CONSTRUCTION DOCUMENTS BID SET |
| SHEET TITLE | |

ELECTRICAL DETAILS AND REFERENCE PLAN
E-501
SHEET 4 OF 5

